

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011519\
 Data File : BG039143.D
 Acq On : 15 Jan 2019 22:28
 Operator : JU/SJ
 Sample : K1142-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMS

Manual Integrations
 APPROVED

Sohil
 1/16/2019 2:06:03 PM

Quant Time: Jan 16 04:43:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	1719	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	14187	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	24886	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	114822	20.00	ng	0.00
76) Chrysene-d12	21.69	240	189325	20.00	ng	-0.01
87) Perylene-d12	24.96	264	180903	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	19695	217.34	ng	0.00
7) Phenol-d6	7.19	99	40638	311.62	ng	0.00
23) Nitrobenzene-d5	9.20	82	22362	86.25	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	82225	197.11	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	92158	50.68	ng	0.00
79) Terphenyl-d14	20.02	244	793488	77.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	295	8.313	ng	# 1
3) Pyridine	3.89	79	1973	20.462	ng	92
4) n-Nitrosodimethylamine	3.79	42	2542m	58.585	ng	
6) Aniline	7.35	93	9035	57.688	ng	95
8) 2-Chlorophenol	7.59	128	7682	71.916	ng	92
9) Benzaldehyde	7.18	77	1972	26.221	ng	87
10) Phenol	7.21	94	13864	106.037	ng	93
11) bis(2-Chloroethyl)ether	7.44	93	5415	54.189	ng	89
12) 1,3-Dichlorobenzene	7.91	146	4755	37.153	ng	92
13) 1,4-Dichlorobenzene	8.06	146	5420	41.815	ng	94
14) 1,2-Dichlorobenzene	8.38	146	5521	44.674	ng	90
15) Benzyl Alcohol	8.27	79	8666	88.240	ng	# 83
16) 2,2'-oxybis(1-Chloropropan	8.55	45	10056	52.480	ng	92
17) 2-Methylphenol	8.47	107	9495	104.585	ng	91
18) Hexachloroethane	9.10	117	1587	36.039	ng	95
19) n-Nitroso-di-n-propylamine	8.82	70	6106	71.301	ng	# 92
20) 3+4-Methylphenols	8.80	107	13257	102.418	ng	91
22) Acetophenone	8.86	105	13358	36.055	ng	# 92
24) Nitrobenzene	9.25	77	10483	40.002	ng	93
25) Isophorone	9.76	82	23409	52.416	ng	96
26) 2-Nitrophenol	9.96	139	6586	46.463	ng	96
27) 2,4-Dimethylphenol	10.00	122	13930	69.852	ng	93
28) bis(2-Chloroethoxy)methane	10.24	93	11049	41.165	ng	95
29) 2,4-Dichlorophenol	10.49	162	15479	62.480	ng	95
30) 1,2,4-Trichlorobenzene	10.70	180	10100	33.930	ng	86
31) Naphthalene	10.89	128	29726	41.777	ng	97
32) Benzoic acid	10.16	122	6896m	54.606	ng	
33) 4-Chloroaniline	11.02	127	14172	44.512	ng	98
34) Hexachlorobutadiene	11.14	225	5171	25.246	ng	# 82
35) Caprolactam	11.78	113	12640	127.233	ng	93
36) 4-Chloro-3-methylphenol	12.12	107	22623	85.377	ng	94
37) 2-Methylnaphthalene	12.49	142	29516	55.328	ng	99
38) 1-Methylnaphthalene	12.71	142	29758	58.116	ng	# 97
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	19955	21.351	ng	99

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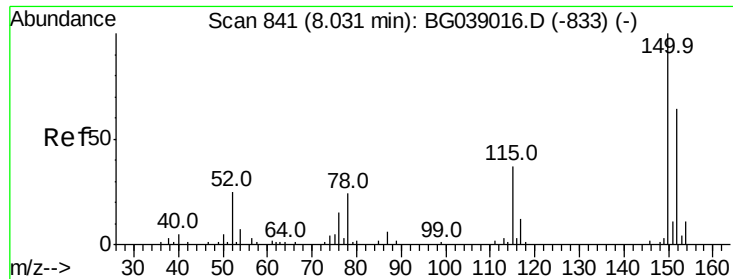
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	6412	17.042	ng	99
43) 2,4,6-Trichlorophenol	13.11	196	20006	34.011	ng	95
44) 2,4,5-Trichlorophenol	13.18	196	27758	44.648	ng	97
46) 1,1'-Biphenyl	13.49	154	48688	24.691	ng	98
47) 2-Chloronaphthalene	13.55	162	43777	27.434	ng	99
48) 2-Nitroaniline	13.76	65	24787	55.446	ng	94
49) Acenaphthylene	14.39	152	106463	44.388	ng	98
50) Dimethylphthalate	14.11	163	130835	62.214	ng	99
51) 2,6-Dinitrotoluene	14.25	165	22242	47.306	ng	94
52) Acenaphthene	14.73	154	56144	38.960	ng	98
53) 3-Nitroaniline	14.59	138	23712	49.715	ng	91
54) 2,4-Dinitrophenol	14.79	184	17262	62.660	ng	91
55) Dibenzofuran	15.06	168	113373	44.546	ng	99
56) 4-Nitrophenol	14.89	139	69911	203.713	ng	96
57) 2,4-Dinitrotoluene	15.03	165	42633	63.203	ng	95
58) Fluorene	15.71	166	98984	51.669	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.29	232	40817	69.551	ng	99
60) Diethylphthalate	15.47	149	109043	50.326	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	50381	41.743	ng	98
62) 4-Nitroaniline	15.75	138	44000	88.554	ng	100
63) Azobenzene	15.99	77	76168	44.952	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	24341	28.614	ng	95
66) n-Nitrosodiphenylamine	15.91	169	99427	29.210	ng	99
67) 4-Bromophenyl-phenylether	16.60	248	41985	28.445	ng	98
68) Hexachlorobenzene	16.71	284	49096	30.484	ng	97
69) Atrazine	16.86	200	63064	43.612	ng	97
70) Pentachlorophenol	17.06	266	62291	63.860	ng	95
71) Phenanthrene	17.45	178	247937	40.852	ng	97
72) Anthracene	17.55	178	258091	43.010	ng	98
73) Carbazole	17.82	167	291922	49.279	ng	99
74) Di-n-butylphthalate	18.35	149	283778	43.061	ng	99
75) Fluoranthene	19.47	202	460156	61.160	ng	99
77) Benzidine	19.65	184	115537	19.952	ng	98
78) Pyrene	19.83	202	466981	38.704	ng	99
80) Butylbenzylphthalate	20.70	149	195794	42.667	ng	99
81) Benzo(a)anthracene	21.67	228	481499	41.778	ng	99
82) 3,3'-Dichlorobenzidine	21.58	252	97670	20.799	ng	97
83) Chrysene	21.74	228	457182	41.708	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	284600	44.666	ng	97
85) Di-n-octyl phthalate	22.75	149	423519	39.309	ng	99
86) Indeno(1,2,3-cd)pyrene	28.72	276	509999	38.938	ng	# 98
88) Benzo(b)fluoranthene	23.92	252	443196	44.431	ng	98
89) Benzo(k)fluoranthene	23.99	252	421410	42.729	ng	99
90) Benzo(a)pyrene	24.81	252	415764	43.122	ng	99
91) Dibenzo(a,h)anthracene	28.78	278	418202	43.607	ng	99
92) Benzo(g,h,i)perylene	29.89	276	404257	42.579	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 840

Delta R.T. -0.01 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

Instrument :

BNA_G

ClientSampleId :

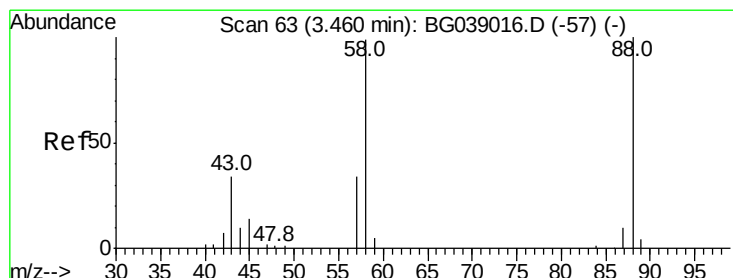
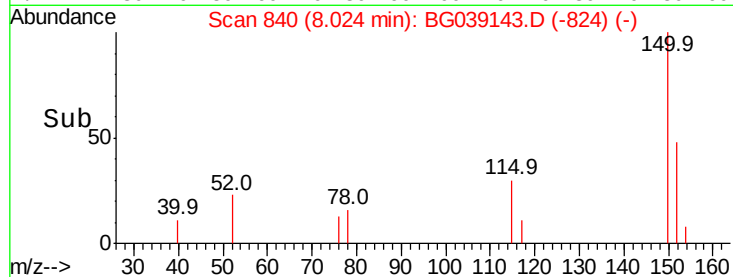
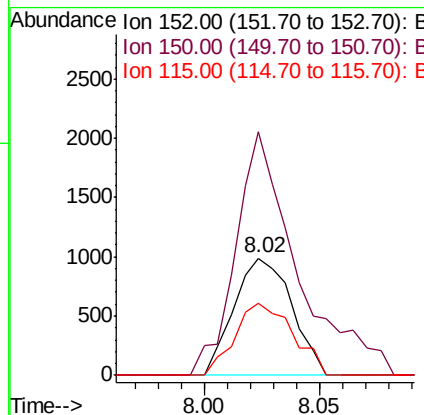
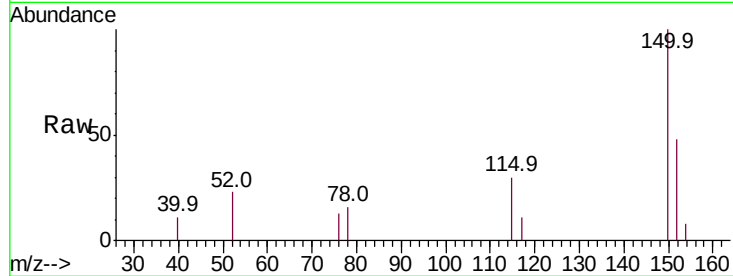
FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	207.5	124.7	187.1#
115	61.5	46.5	69.7

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#2

1,4-Dioxane

Concen: 8.313 ng

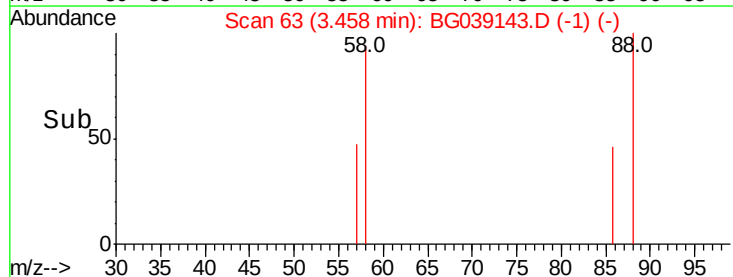
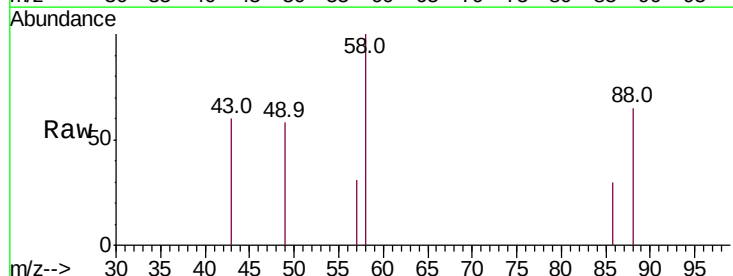
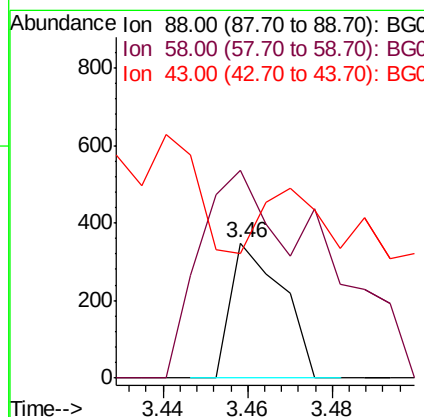
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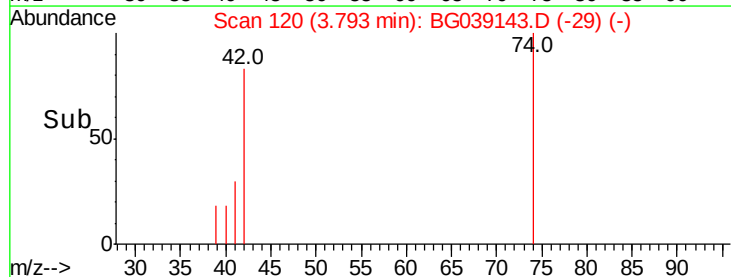
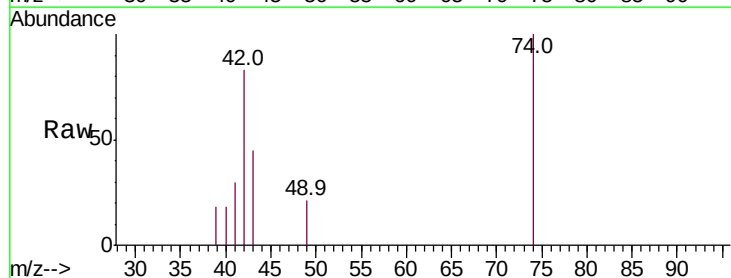
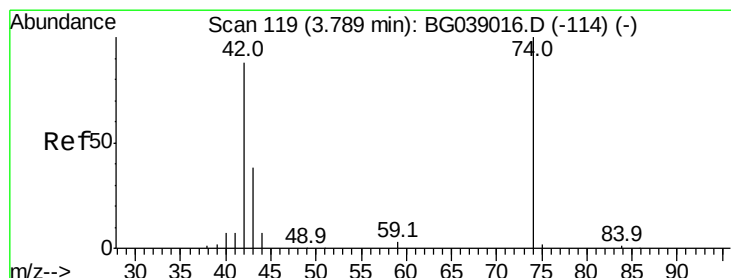
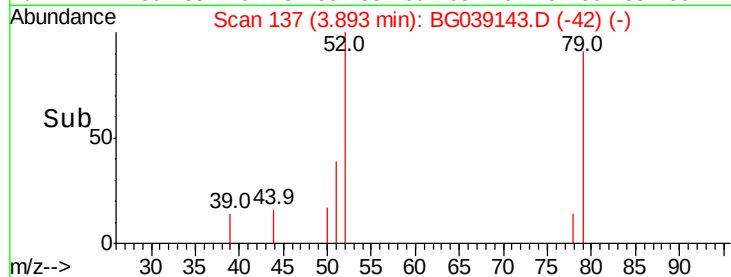
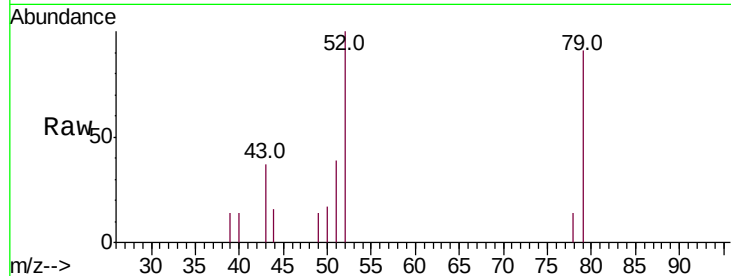
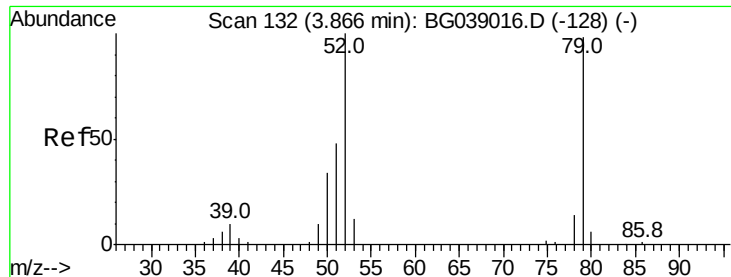
Delta R.T. -0.00 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	368.8	72.4	108.6#
43	69.8	27.6	41.4#





#3

Pvridine

Concen: 20.462 ng

RT: 3.89 min Scan# 137

Delta R.T. 0.03 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

Tot Ion:	79	Resp:	1973
Ion	Ratio	Lower	Upper
79	100		
52	110.0	81.5	122.3
51	43.2	39.8	59.6

Instrument :

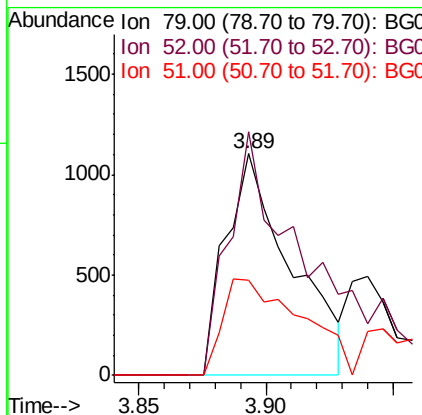
BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

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#4

n-Nitrosodimethylamine

Concen: 58.585 ng m

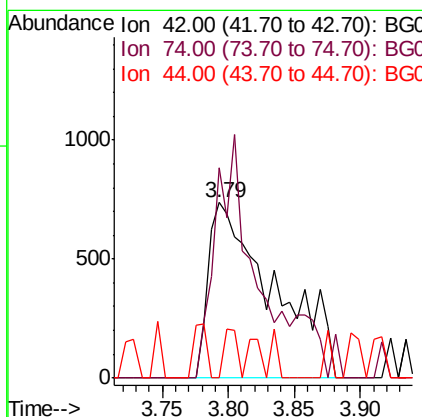
RT: 3.79 min Scan# 120

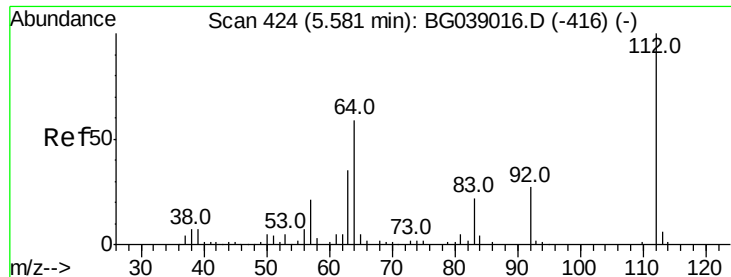
Delta R.T. 0.00 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

Tgt Ion:	42	Resp:	2542
Ion	Ratio	Lower	Upper
42	100		
74	119.8	90.7	136.1
44	0.0	6.5	9.7#





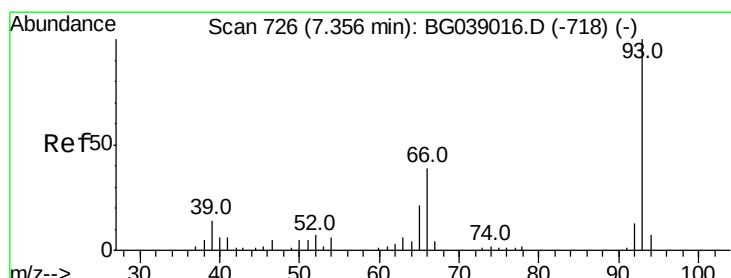
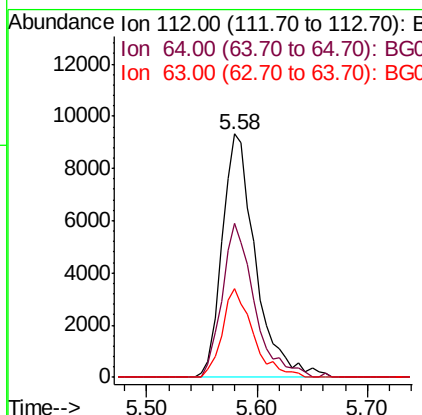
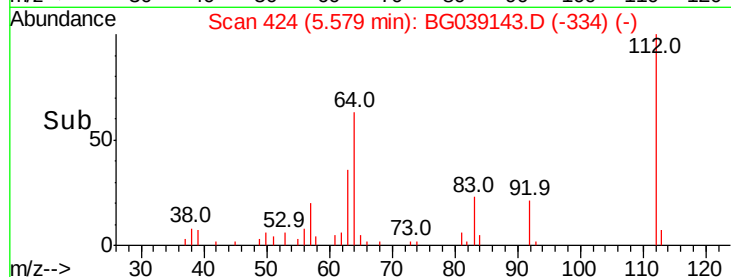
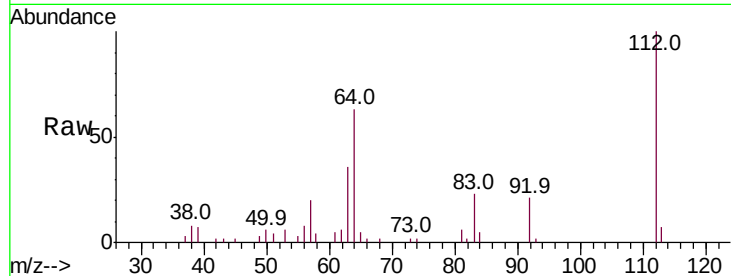
#5
 2-Fluorophenol
 Concen: 217.342 ng
 RT: 5.58 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: BG039143.D
 Acq: 15 Jan 2019 22:28

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion:	112	Resp:	19695
Ion Ratio	Lower	Upper	
112	100		
64	63.2	47.0	70.6
63	36.4	28.0	42.0

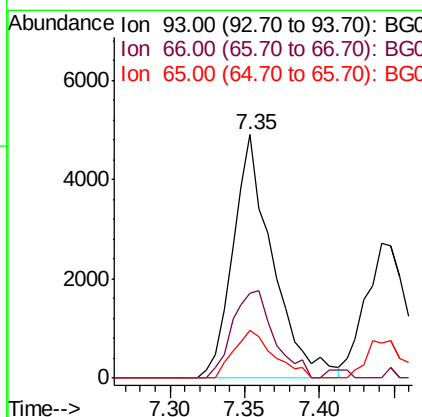
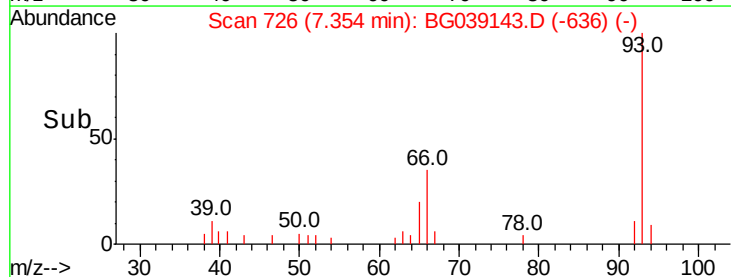
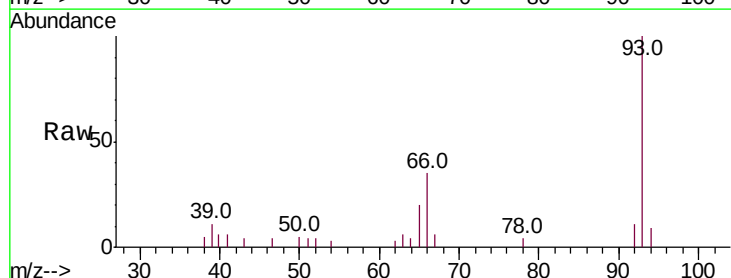
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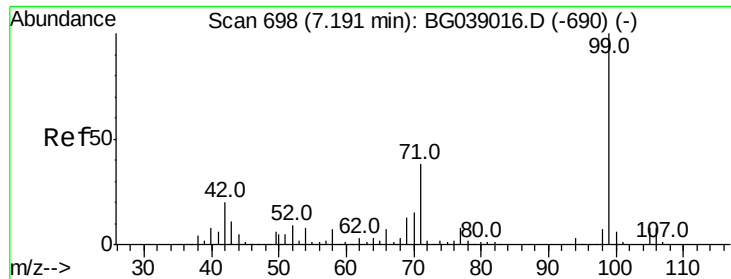
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#6
 Aniline
 Concen: 57.688 ng
 RT: 7.35 min Scan# 726
 Delta R.T. -0.00 min
 Lab File: BG039143.D
 Acq: 15 Jan 2019 22:28

Tgt Ion:	93	Resp:	9035
Ion Ratio	Lower	Upper	
93	100		
66	35.1	30.9	46.3
65	19.7	17.0	25.4





#7

Phenol-d6

Concen: 311.616 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

Instrument :

BNA_G

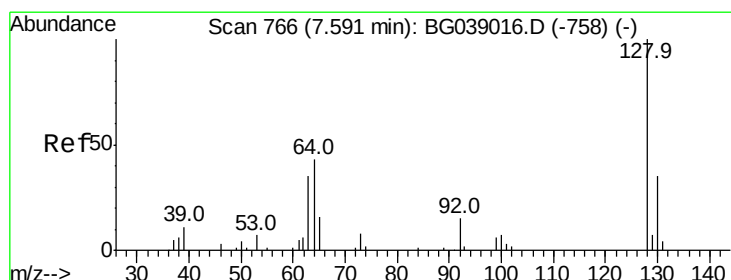
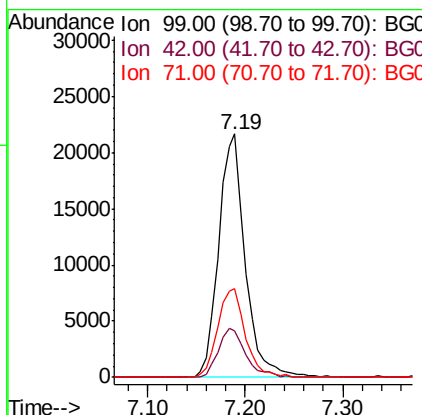
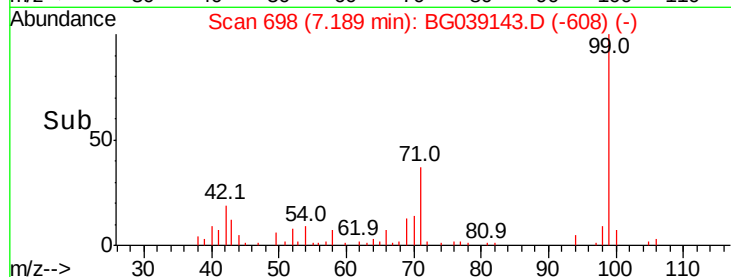
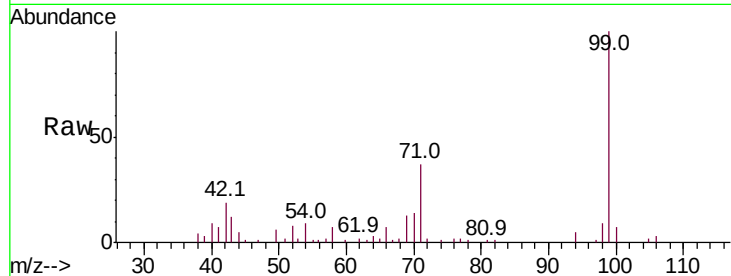
ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion:	99	Resp:	40638
Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.8	23.6
71	36.6	30.2	45.4

Manual Integrations
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#8

2-Chlorophenol

Concen: 71.916 ng

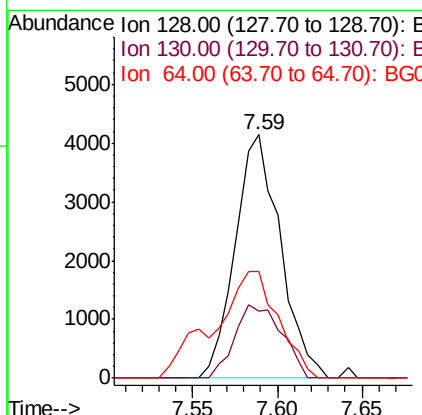
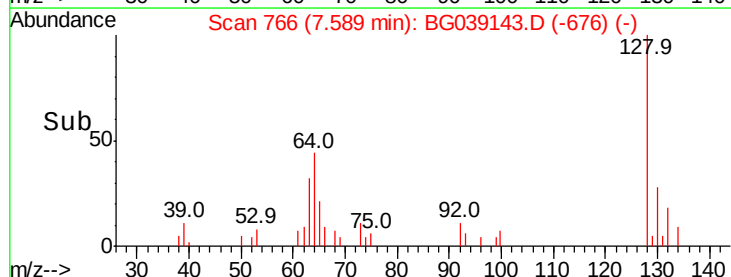
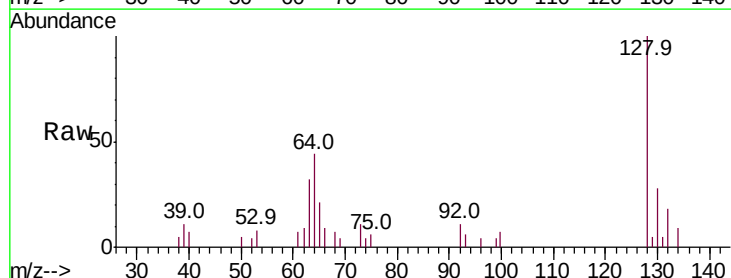
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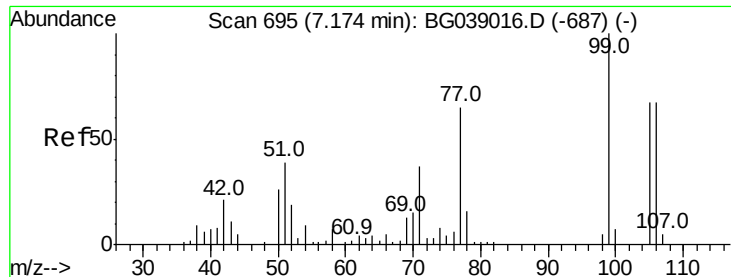
Delta R.T. -0.00 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

Tgt Ion:	128	Resp:	7682
Ion	Ratio	Lower	Upper
128	100		
130	27.5	14.5	54.5
64	44.0	27.3	67.3





#9

Benzaldehyde

Concen: 26.221 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion: 77 Resp: 1972

Ion Ratio Lower Upper

77 100

105 118.5 82.4 122.4

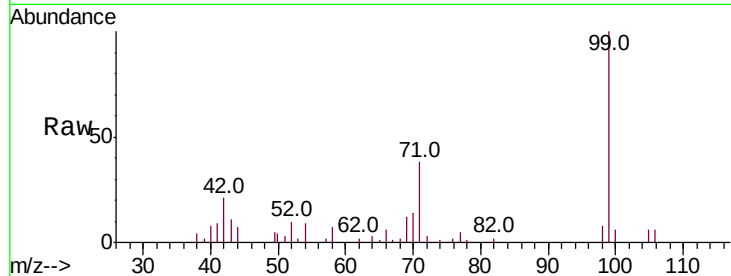
106 112.9 82.8 122.8

Manual Integrations

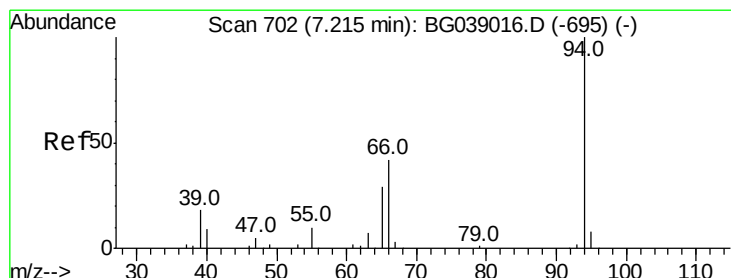
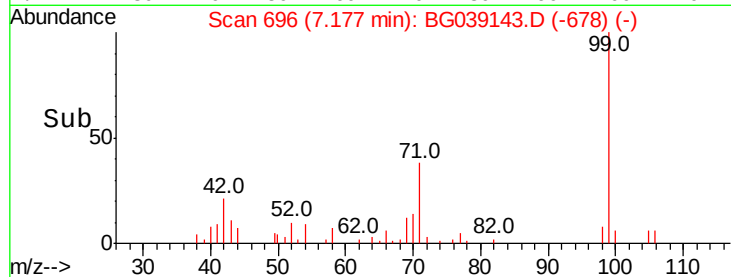
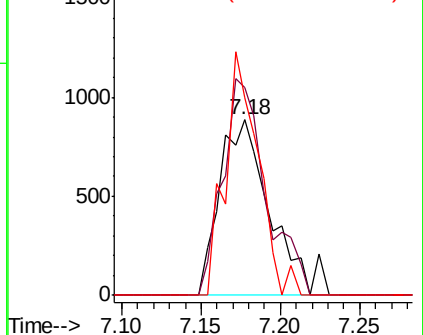
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 106.037 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

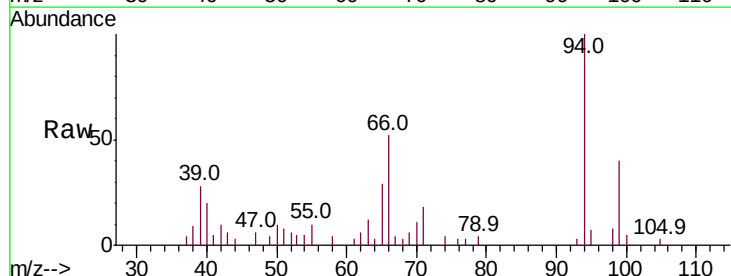
Tgt Ion: 94 Resp: 13864

Ion Ratio Lower Upper

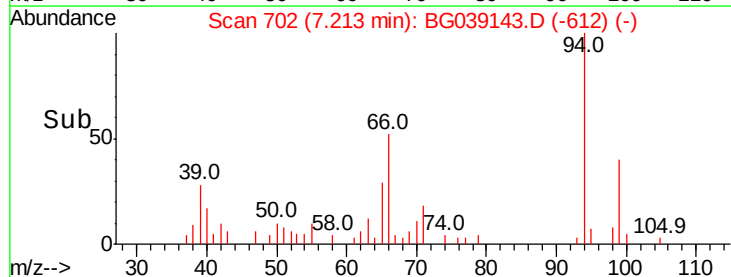
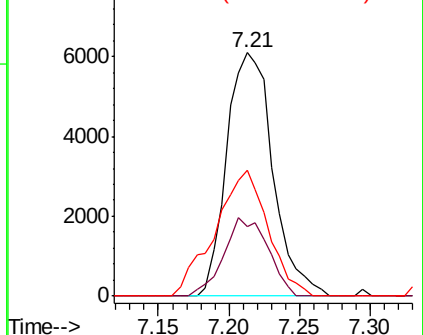
94 100

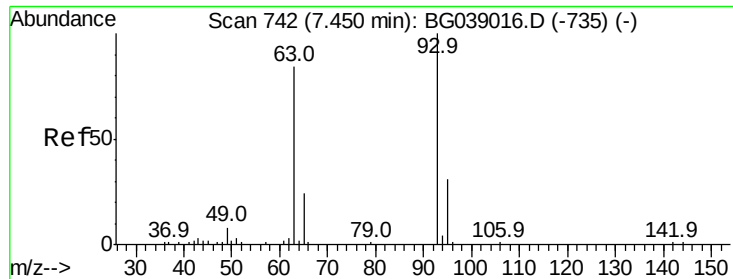
65 28.7 10.3 50.3

66 51.6 25.1 65.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





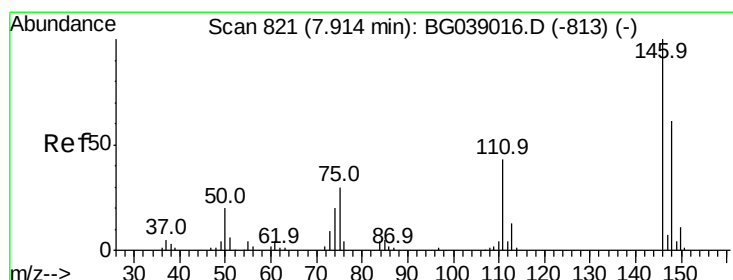
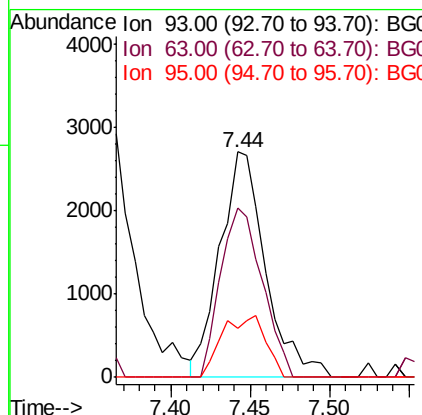
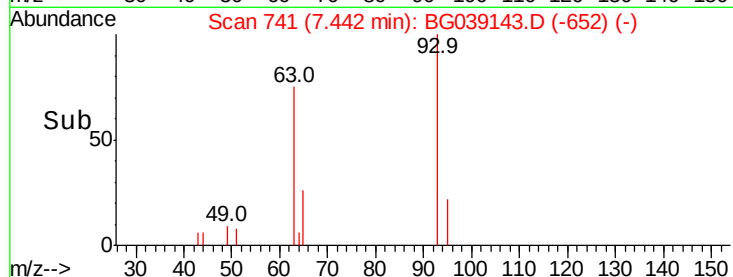
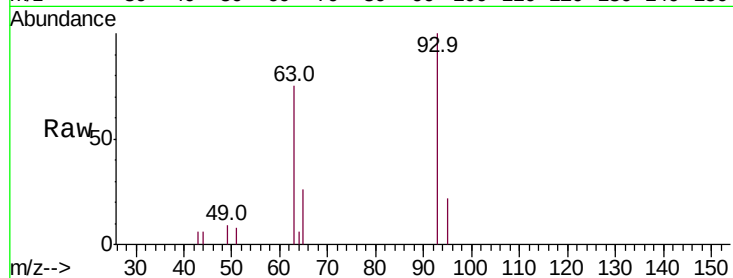
#11
bis(2-Chloroethyl)ether
Concen: 54.189 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.01 min
Lab File: BG039143.D
Acq: 15 Jan 2019 22:28

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.5	63.2	103.2
95	21.5	11.2	51.2

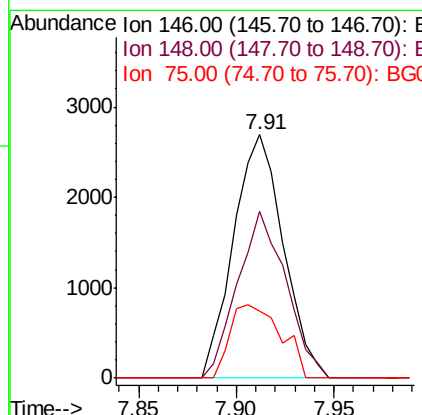
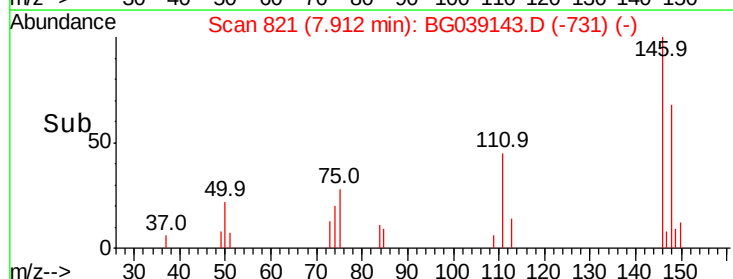
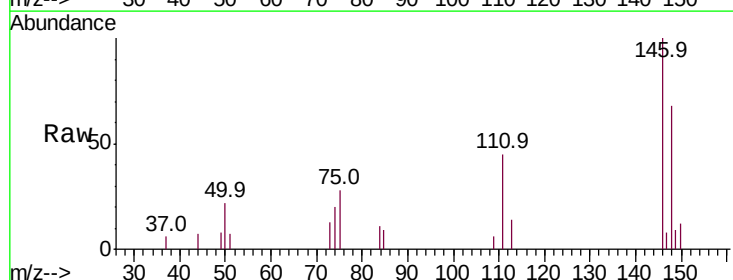
Manual Integrations
APPROVED

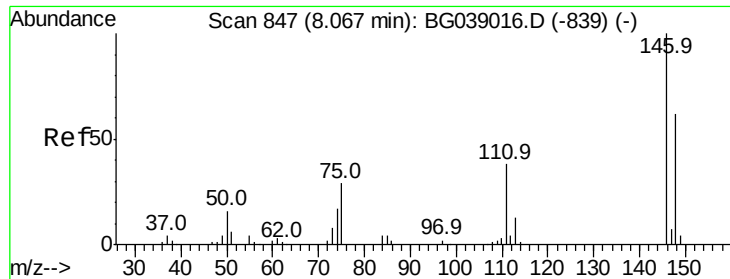
Sohil
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#12
1,3-Dichlorobenzene
Concen: 37.153 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG039143.D
Acq: 15 Jan 2019 22:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.5	49.1	73.7
75	27.7	23.9	35.9





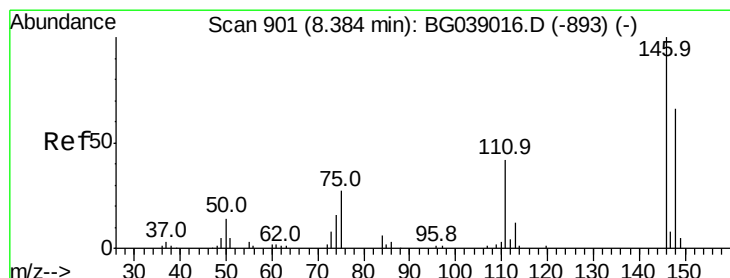
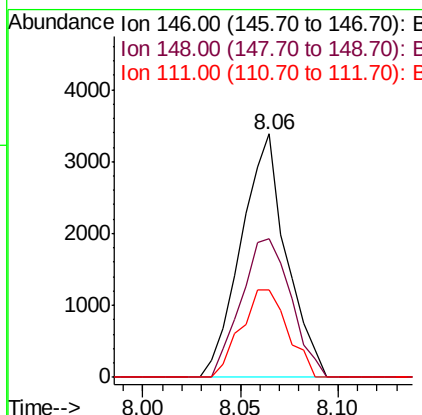
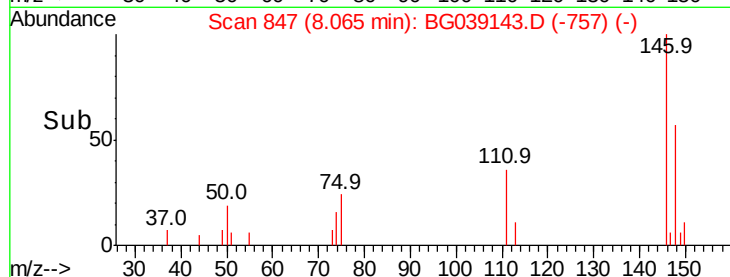
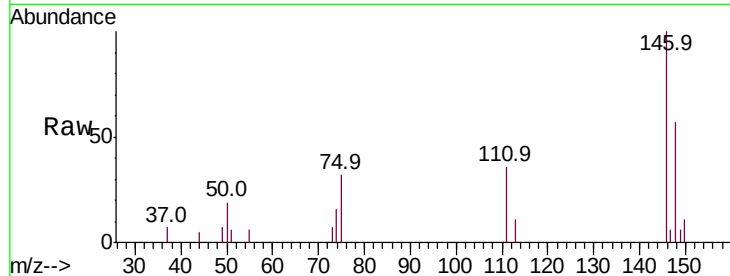
#13
 1,4-Dichlorobenzene
 Concen: 41.815 ng
 RT: 8.06 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BG039143.D
 Acq: 15 Jan 2019 22:28

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	57.0	49.8	74.6
111	36.1	30.6	45.8

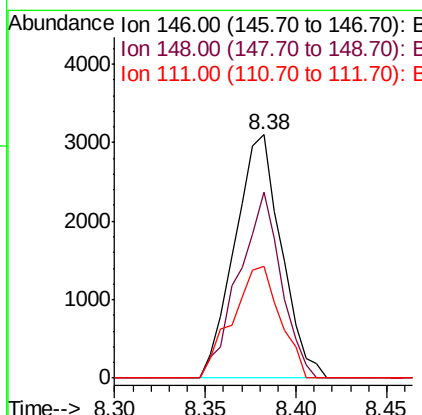
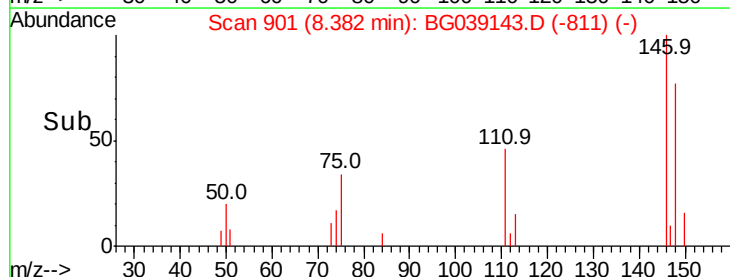
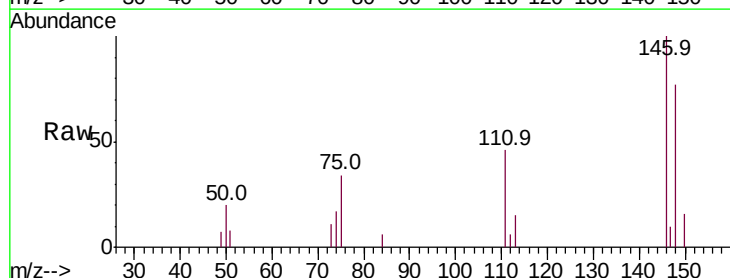
Manual Integrations
 APPROVED

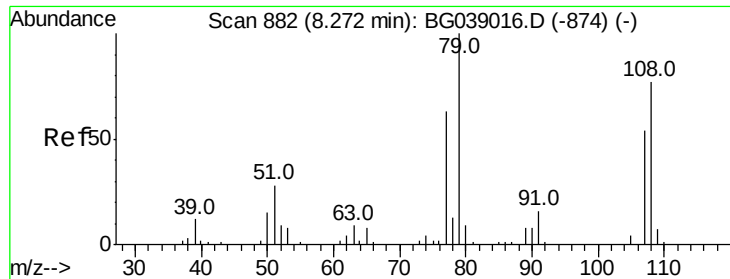
Sohil
 1/16/2019 2:06:03 PM



#14
 1,2-Dichlorobenzene
 Concen: 44.674 ng
 RT: 8.38 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BG039143.D
 Acq: 15 Jan 2019 22:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	76.6	52.6	79.0
111	46.1	34.6	51.8





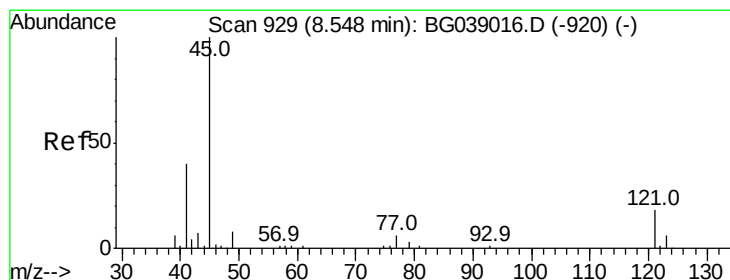
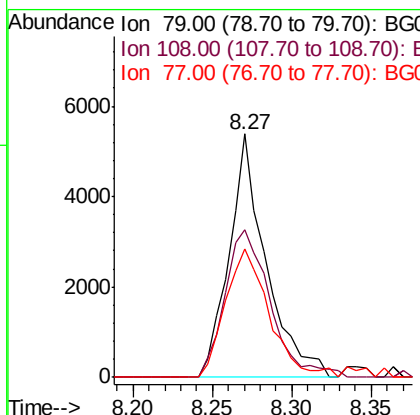
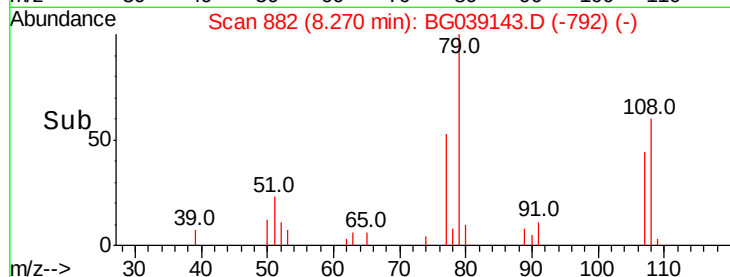
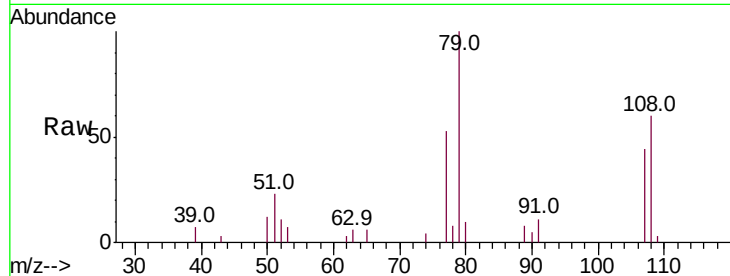
#15
Benzyl Alcohol
Concen: 88.240 ng
RT: 8.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BG039143.D
Acq: 15 Jan 2019 22:28

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion: 79 Resp: 8666
Ion Ratio Lower Upper
79 100
108 60.4 62.0 93.0#
77 52.6 50.1 75.1

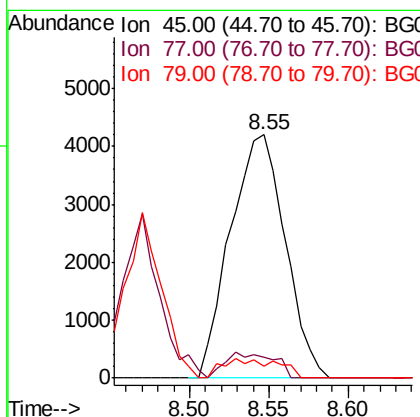
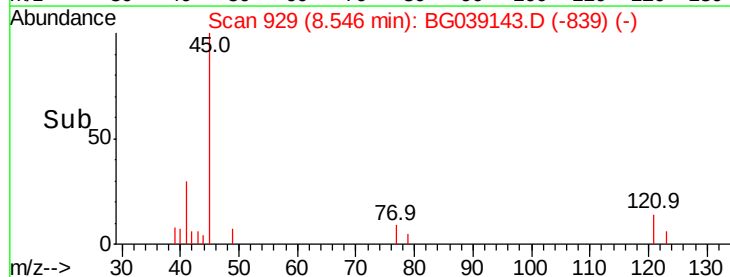
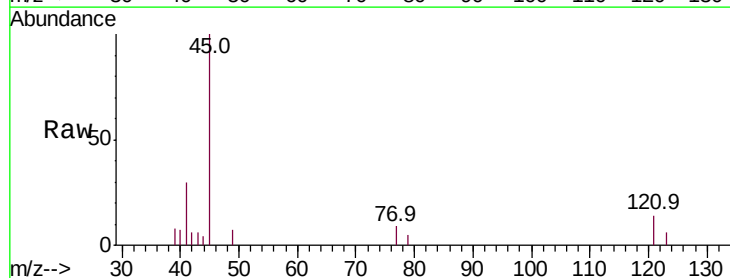
Manual Integrations
APPROVED

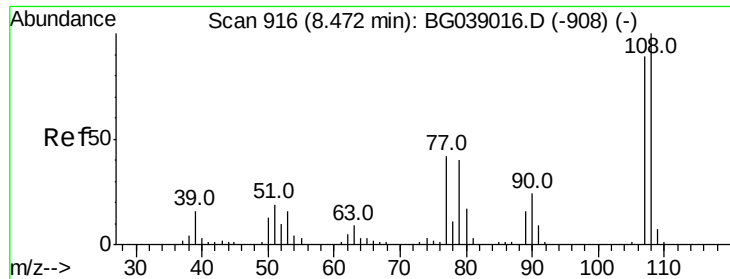
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 52.480 ng
RT: 8.55 min Scan# 929
Delta R.T. -0.00 min
Lab File: BG039143.D
Acq: 15 Jan 2019 22:28

Tgt Ion: 45 Resp: 10056
Ion Ratio Lower Upper
45 100
77 8.6 0.0 30.7
79 4.8 0.0 28.5





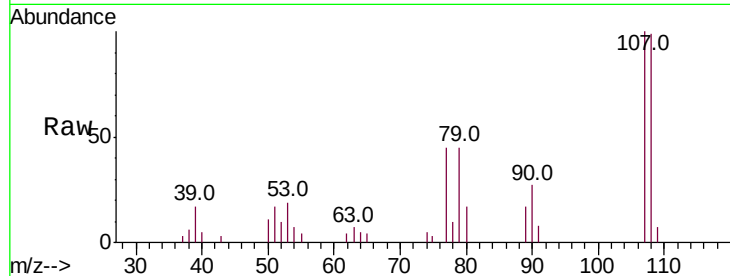
#17
2-Methylphenol
Concen: 104.585 ng
RT: 8.47 min Scan# 916
Delta R.T. -0.00 min
Lab File: BG039143.D
Acq: 15 Jan 2019 22:28

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Lower	Upper
107	100		
108	98.5	90.3	135.5
77	45.0	38.3	57.5
79	45.3	35.8	53.6

Manual Integrations
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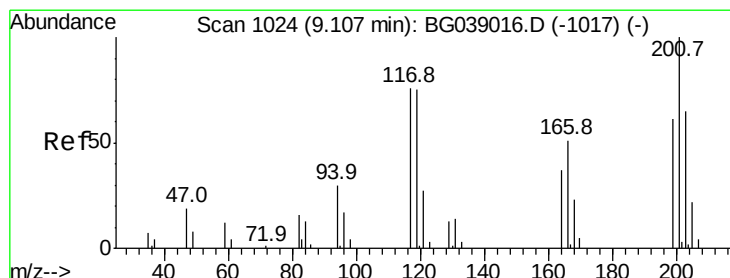
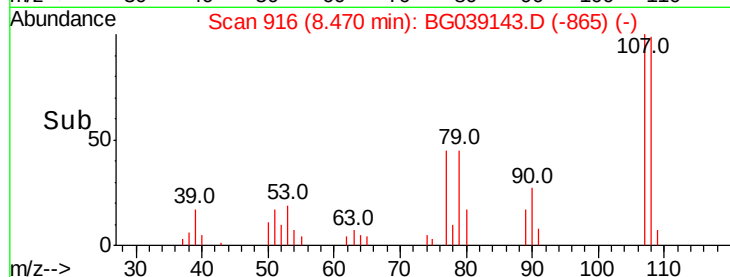
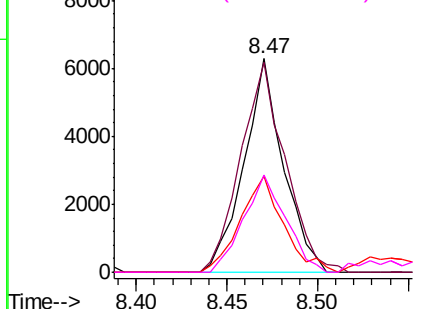
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 36.039 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG039143.D
Acq: 15 Jan 2019 22:28

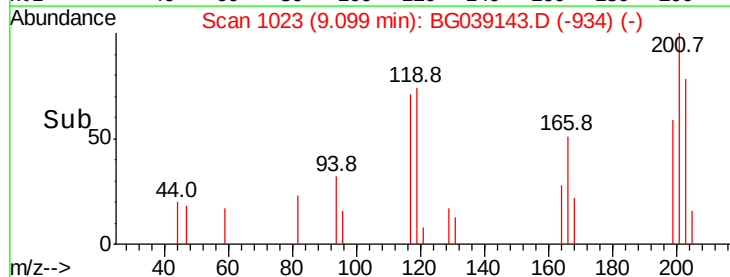
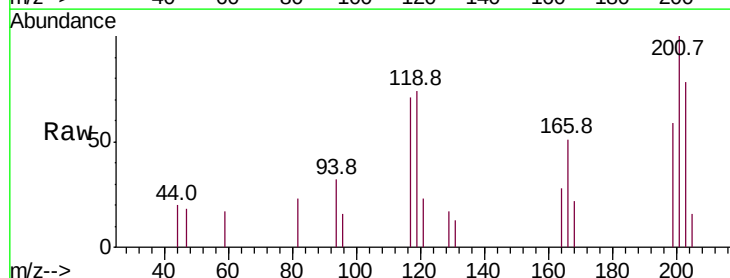
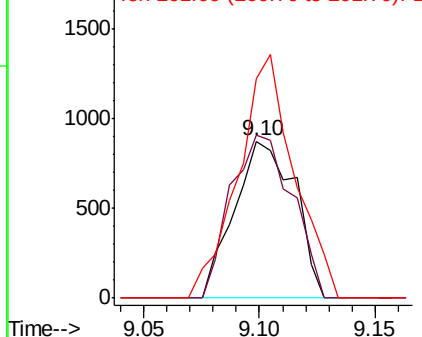
Tgt Ion	Ratio	Lower	Upper
117	100		
119	103.5	78.7	118.1
201	139.9	108.1	162.1

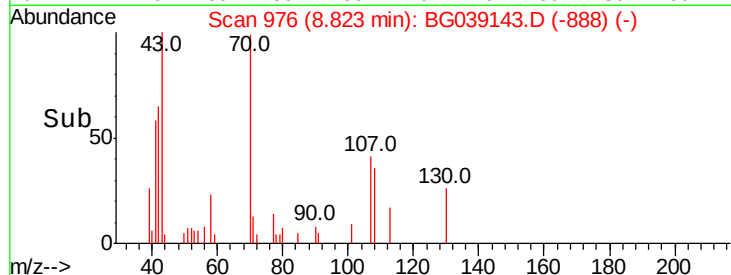
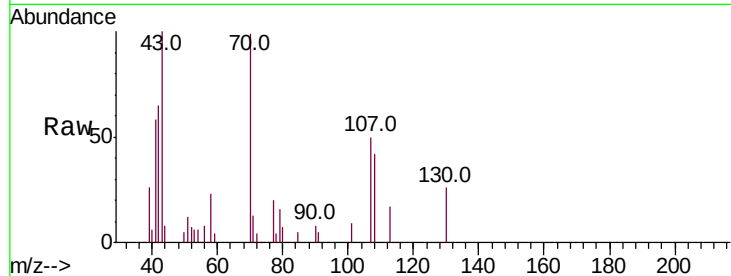
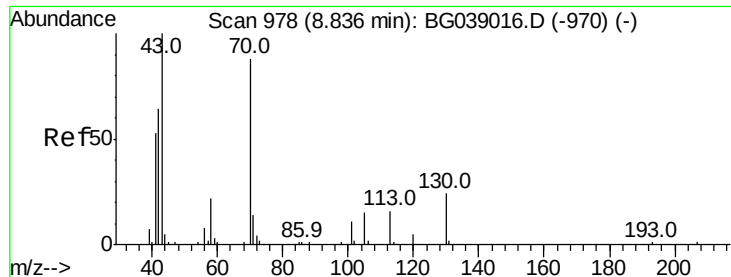
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





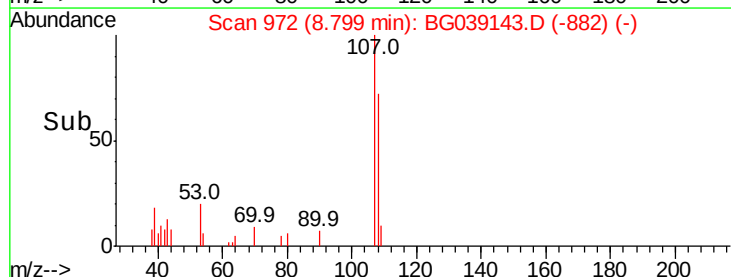
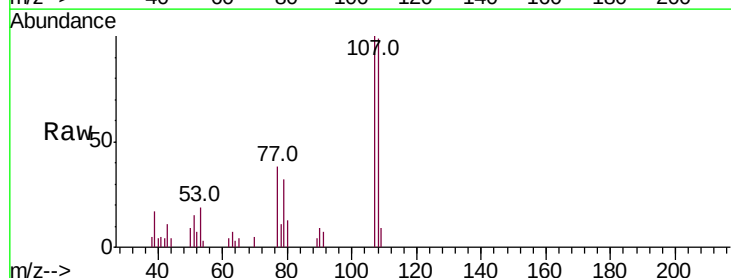
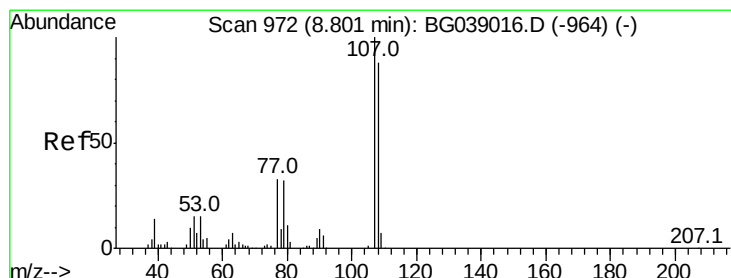
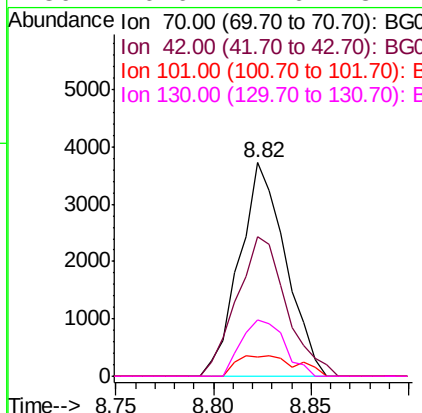
#19
n-Nitroso-di-n-propylamine
Concen: 71.301 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG039143.D
Acq: 15 Jan 2019 22:28

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ion	Ratio	Lower	Upper
6106	70	100		
	42	65.2	59.0	88.4
	101	9.0	10.4	15.6
	130	26.6	21.6	32.4

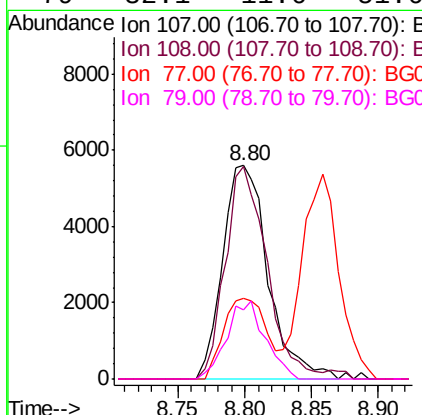
Manual Integrations
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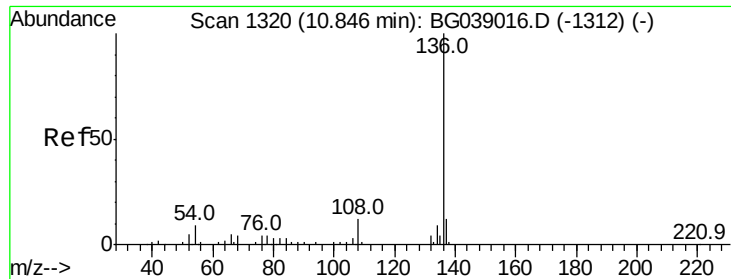
Sohil
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#20
3+4-Methylphenols
Concen: 102.418 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG039143.D
Acq: 15 Jan 2019 22:28

Tgt Ion	Ion	Ratio	Lower	Upper
13257	107	100		
	108	99.4	68.4	108.4
	77	37.9	13.3	53.3
	79	32.1	11.6	51.6





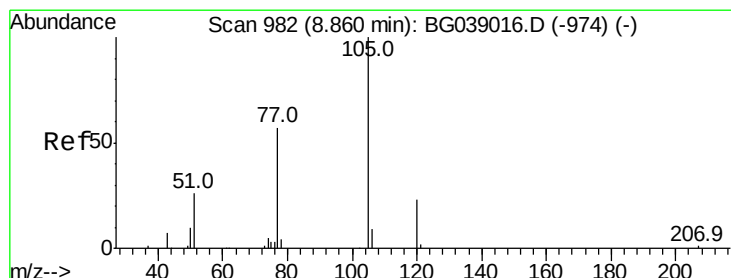
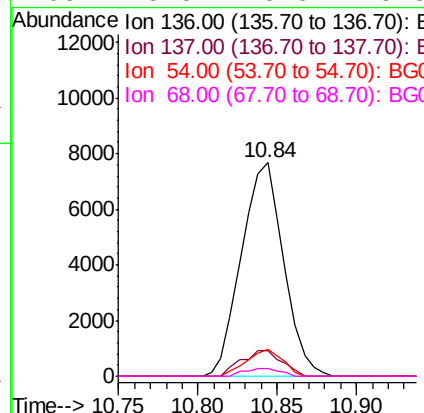
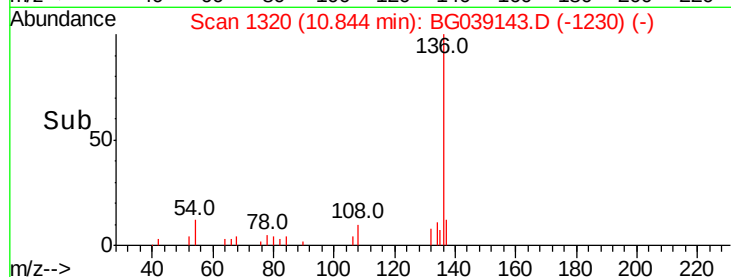
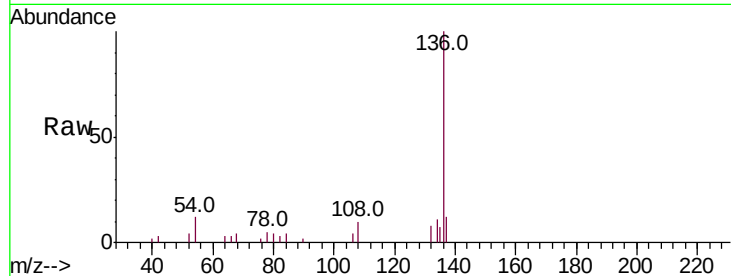
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG039143.D
Acq: 15 Jan 2019 22:28

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.9	9.4	14.2	
54	12.4	7.2	10.8#	
68	3.8	3.5	5.3	

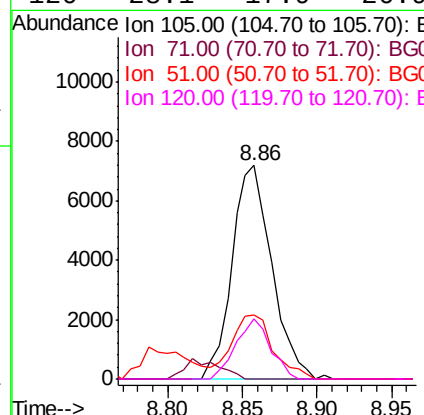
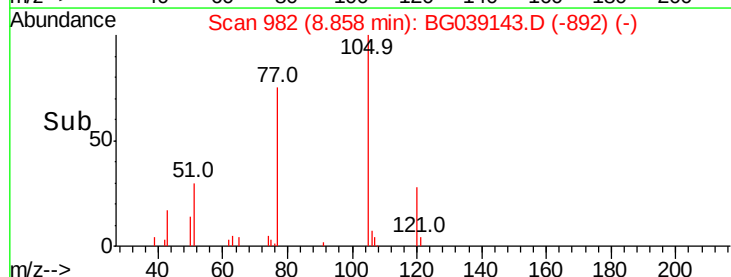
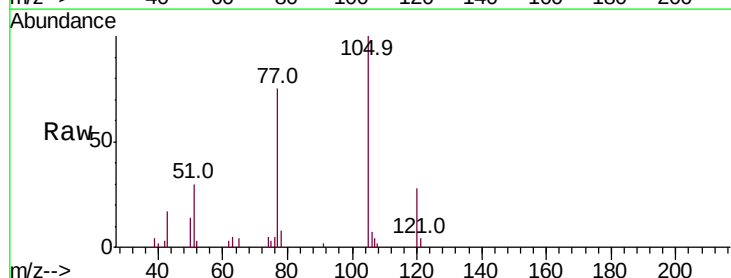
Manual Integrations
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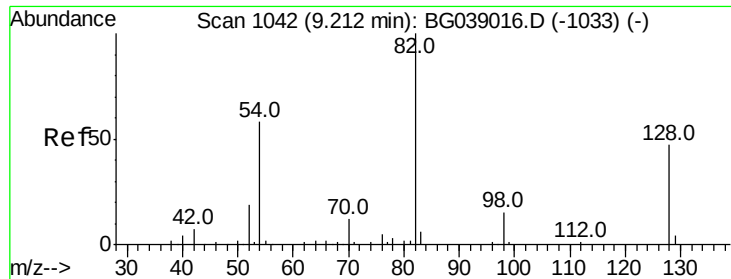
Sohil
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#22
Acetophenone
Concen: 36.055 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG039143.D
Acq: 15 Jan 2019 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	0.6	1.0#	
51	30.1	26.6	39.8	
120	28.1	17.9	26.9#	





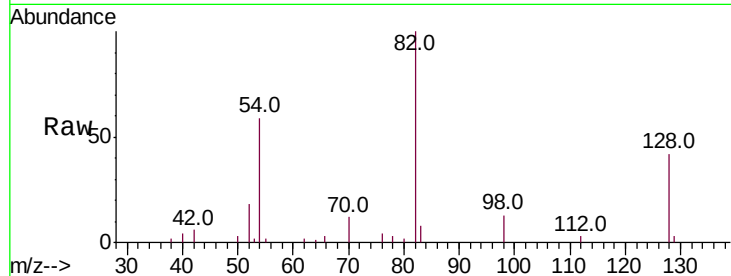
#23
 Nitrobenzene-d5
 Concen: 86.251 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG039143.D
 Acq: 15 Jan 2019 22:28

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.2	37.3	55.9
54	58.9	46.4	69.6

Manual Integrations
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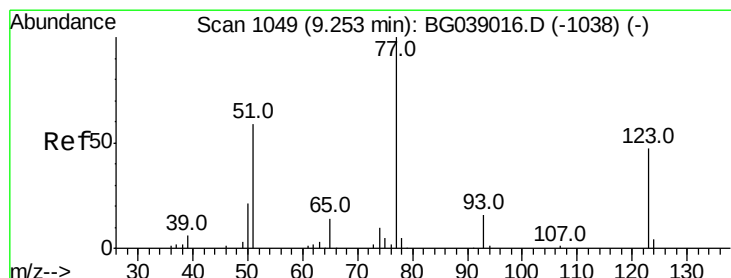
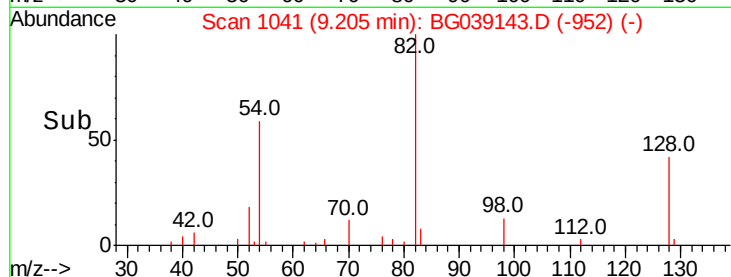
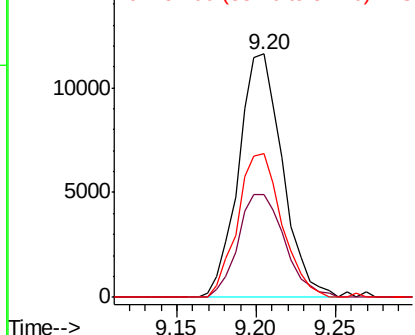


Abundance

Ion 82.00 (81.70 to 82.70): BGC

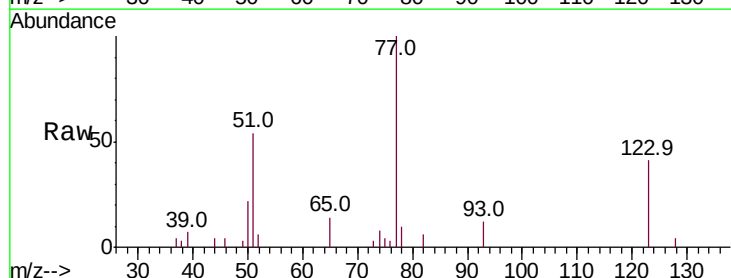
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24
 Nitrobenzene
 Concen: 40.002 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BG039143.D
 Acq: 15 Jan 2019 22:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.9	37.6	56.4
65	14.4	11.0	16.6

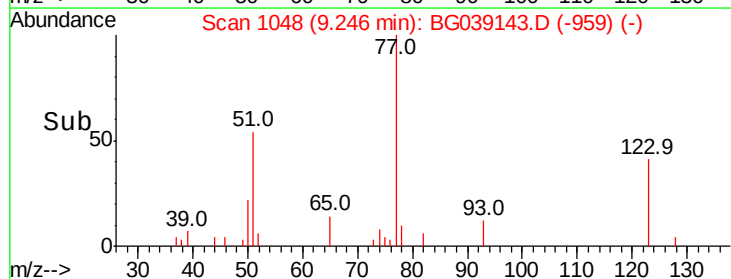
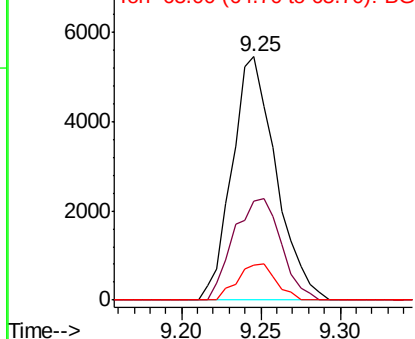


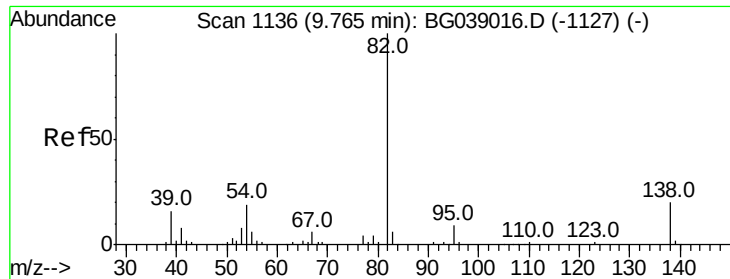
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





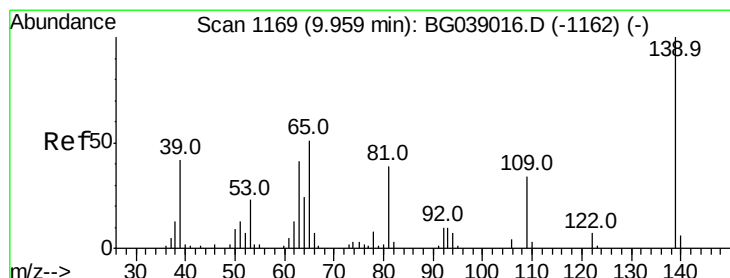
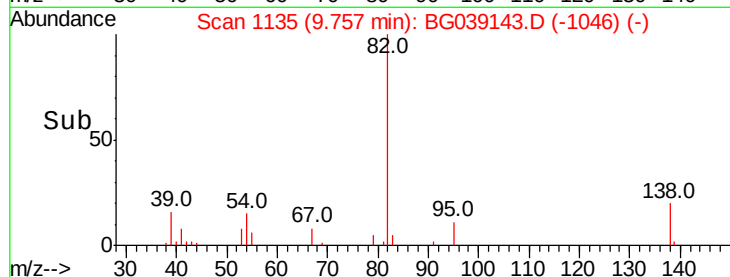
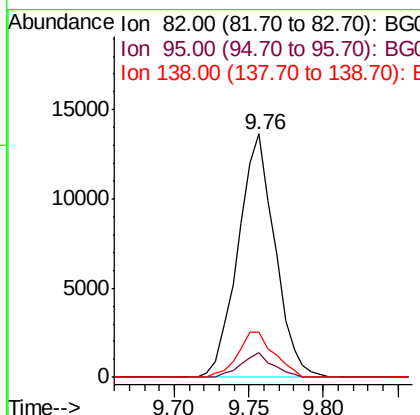
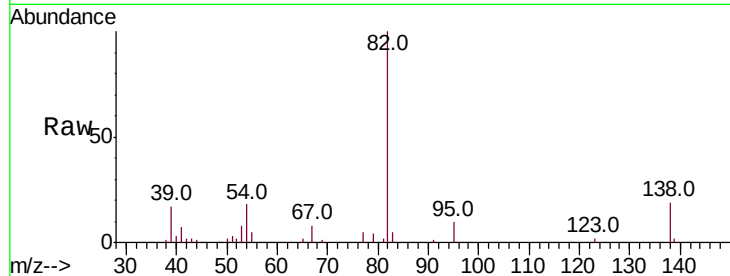
#25
Isophorone
Concen: 52.416 ng
RT: 9.76 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BG039143.D
Acq: 15 Jan 2019 22:28

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Lower	Upper
82	100		
95	10.2	7.0	10.6
138	18.5	16.2	24.4

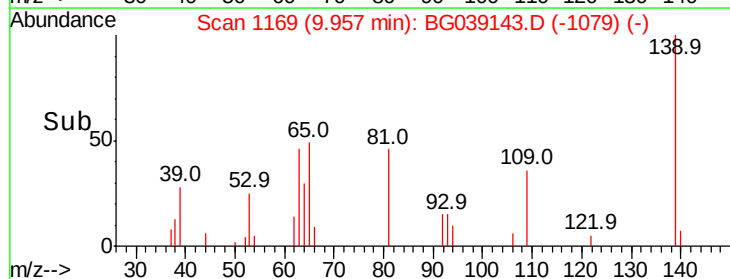
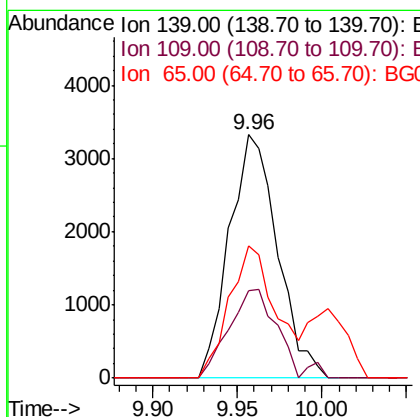
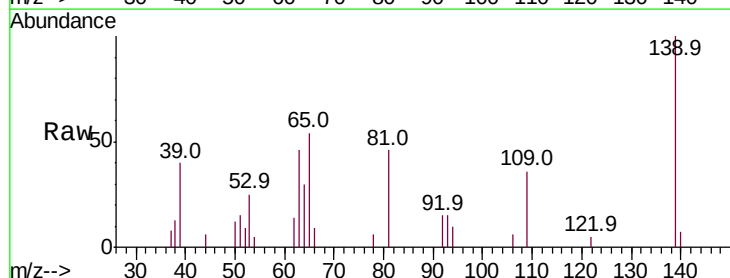
Manual Integrations
APPROVED

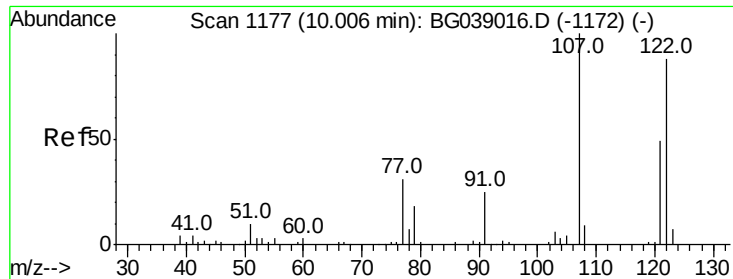
Sohil
1/16/2019 2:06:03 PM



#26
2-Nitrophenol
Concen: 46.463 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BG039143.D
Acq: 15 Jan 2019 22:28

Tgt Ion	Ratio	Lower	Upper
139	100		
109	35.7	27.3	40.9
65	54.1	40.6	61.0





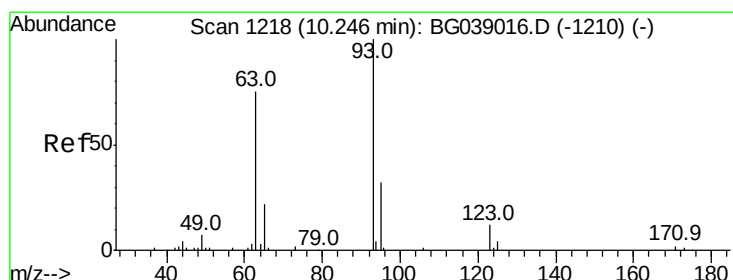
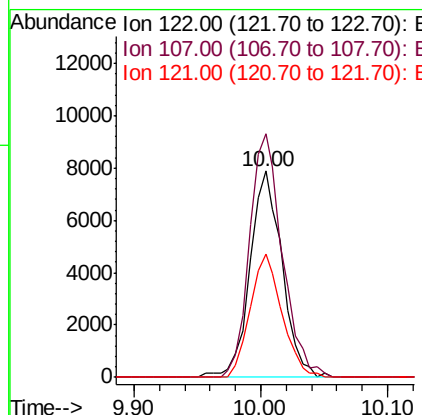
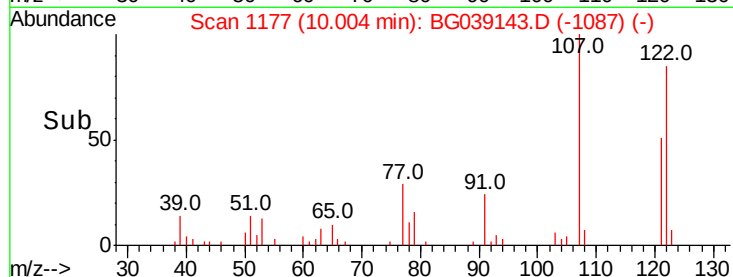
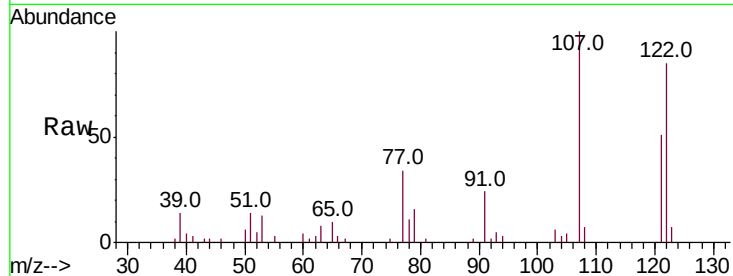
#27
 2,4-Dimethylphenol
 Concen: 69.852 ng
 RT: 10.00 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BG039143.D
 Acq: 15 Jan 2019 22:28

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.2	88.8	133.2
121	60.1	43.1	64.7

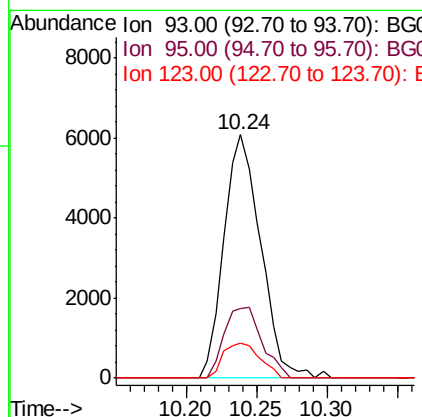
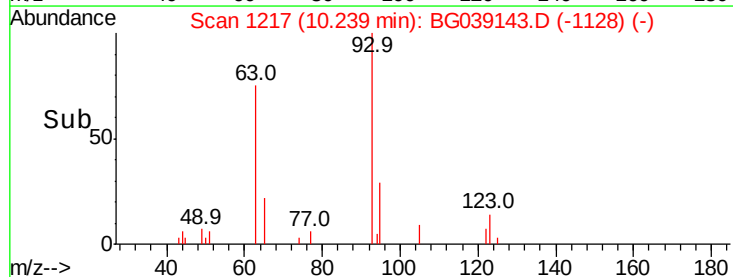
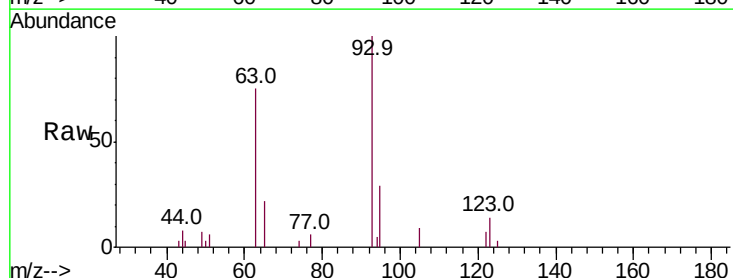
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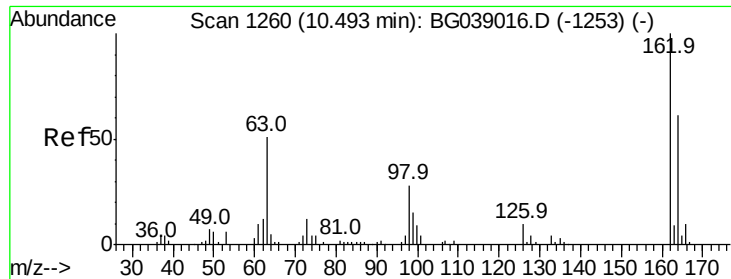
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.165 ng
 RT: 10.24 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BG039143.D
 Acq: 15 Jan 2019 22:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	28.7	25.6	38.4
123	14.1	10.1	15.1





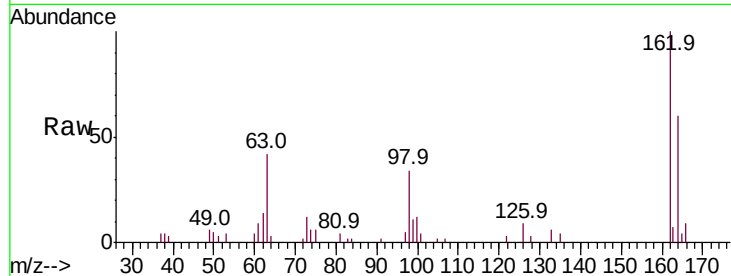
#29
 2,4-Dichlorophenol
 Concen: 62.480 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BG039143.D
 Acq: 15 Jan 2019 22:28

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	59.6	41.3	81.3	
98	33.9	8.3	48.3	

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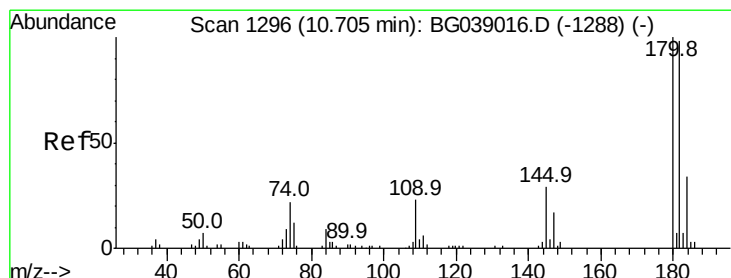
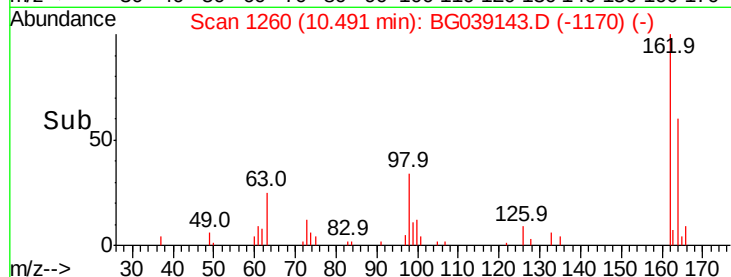
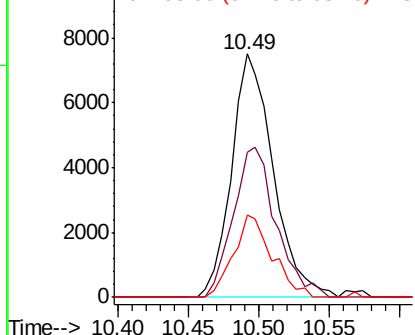


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 33.930 ng
 RT: 10.70 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BG039143.D
 Acq: 15 Jan 2019 22:28

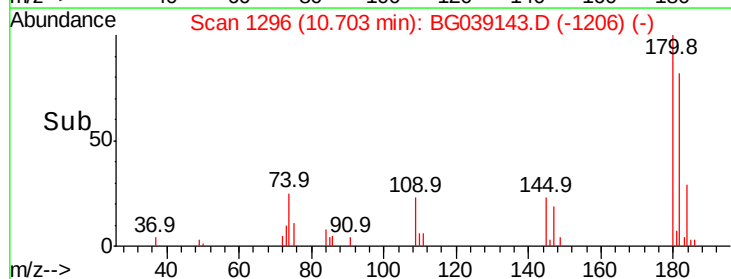
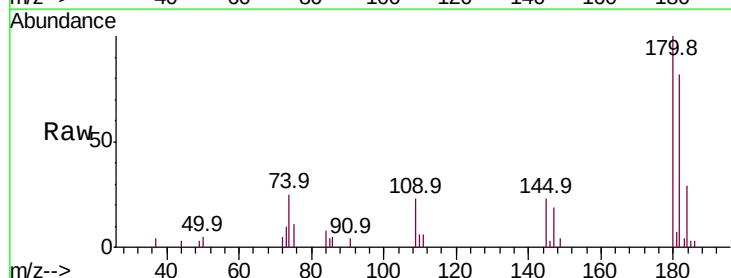
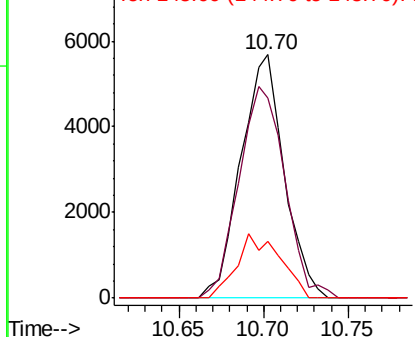
Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	82.4	78.1	117.1	
145	23.5	23.1	34.7	

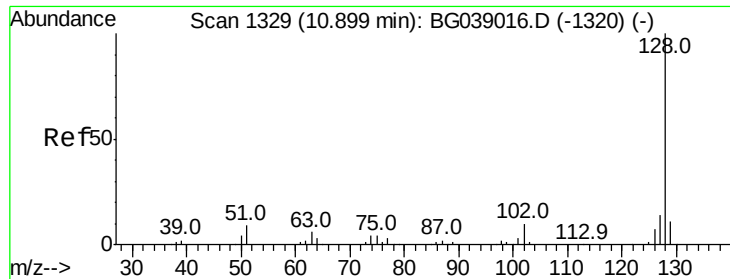
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





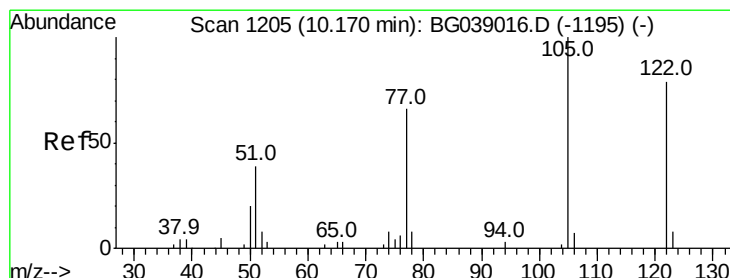
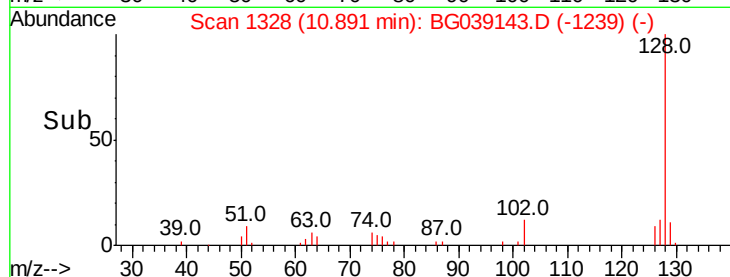
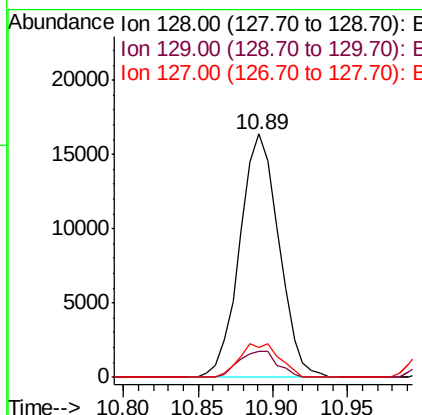
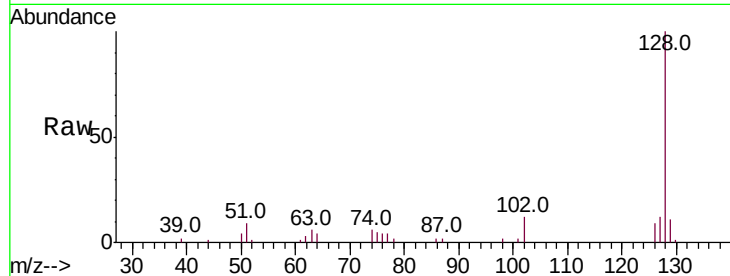
#31
Naphthalene
Concen: 41.777 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BG039143.D
Acq: 15 Jan 2019 22:28

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.1	13.7
127	12.2	11.2	16.8

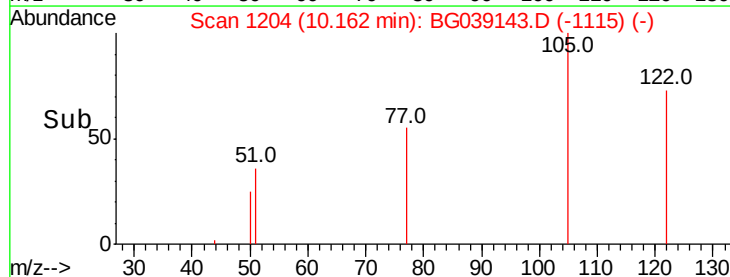
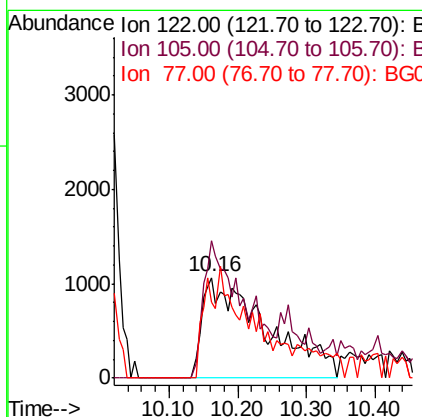
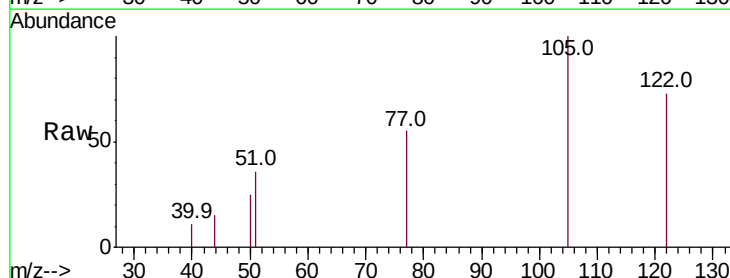
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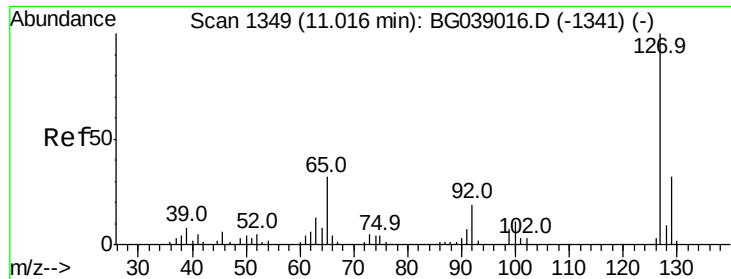
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#32
Benzoic acid
Concen: 54.606 ng m
RT: 10.16 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BG039143.D
Acq: 15 Jan 2019 22:28

Tgt Ion	Ratio	Lower	Upper
122	100		
105	136.4	106.4	146.4
77	75.4	63.6	103.6





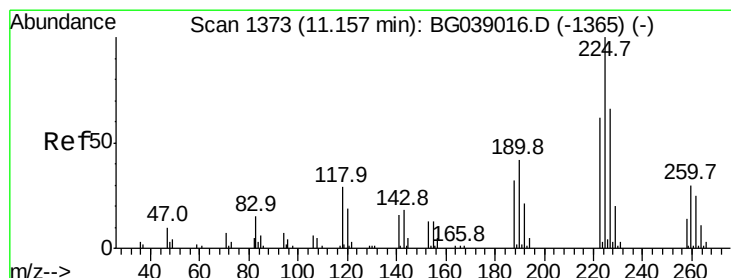
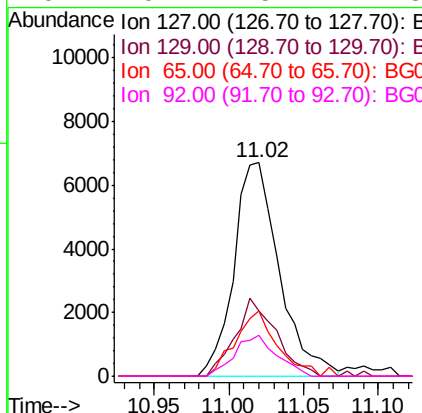
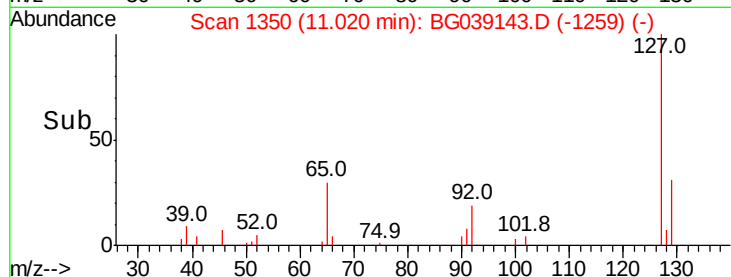
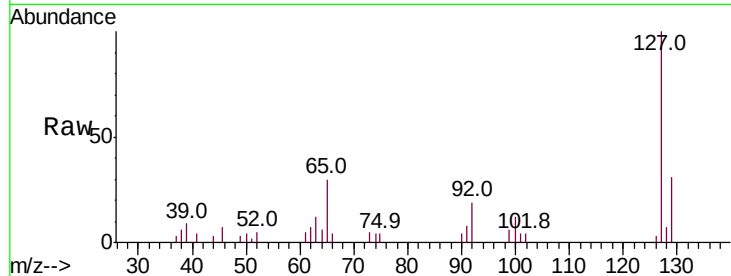
#33
4-Chloroaniline
Concen: 44.512 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG039143.D
Acq: 15 Jan 2019 22:28

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.6	25.4	38.0
65	30.5	25.4	38.0
92	19.4	15.2	22.8

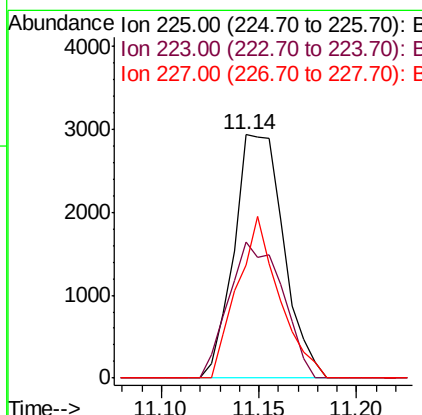
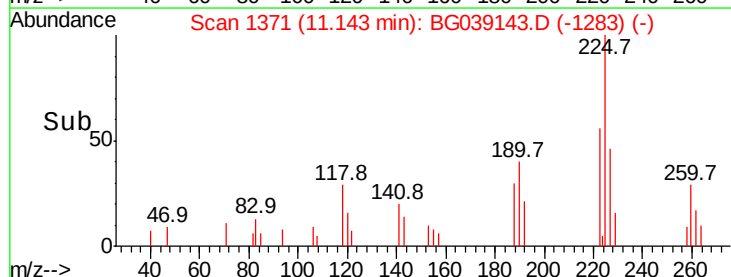
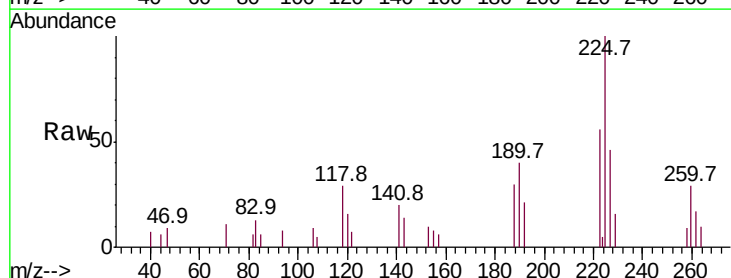
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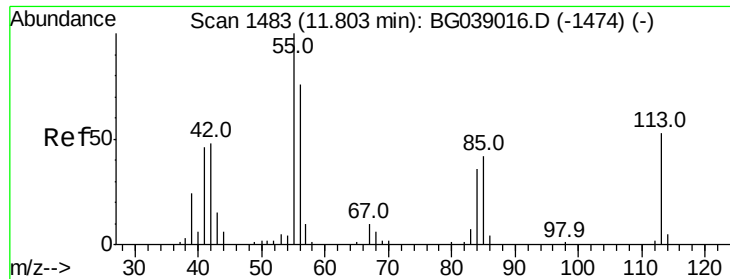
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#34
Hexachlorobutadiene
Concen: 25.246 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BG039143.D
Acq: 15 Jan 2019 22:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	55.7	50.2	75.4
227	46.2	53.2	79.8#





#35

Caprolactam

Concen: 127.233 ng

RT: 11.78 min Scan# 1479

Delta R.T. -0.03 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

Instrument :

BNA_G

ClientSampleID :

FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion:113 Resp: 12640

Ion Ratio Lower Upper

113 100

55 198.6 168.6 208.6

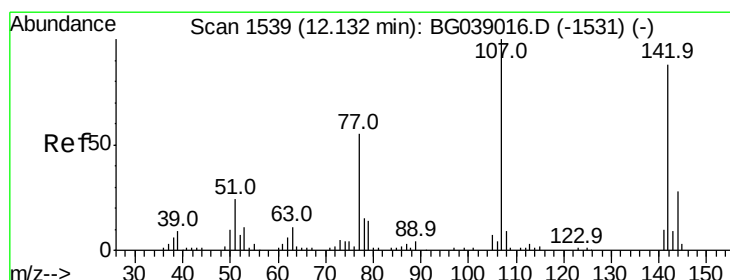
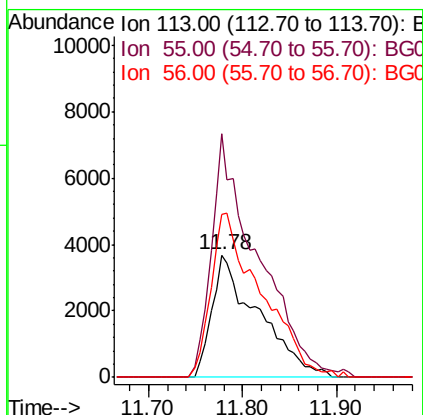
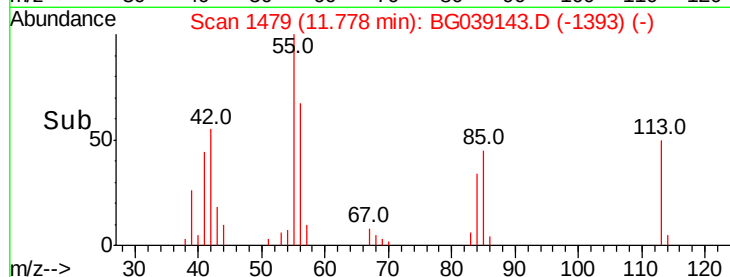
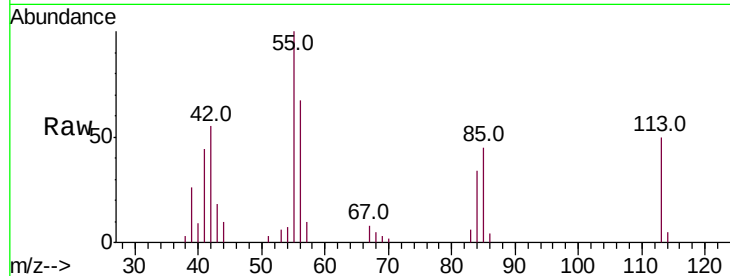
56 133.0 123.2 163.2

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#36

4-Chloro-3-methylphenol

Concen: 85.377 ng

RT: 12.12 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

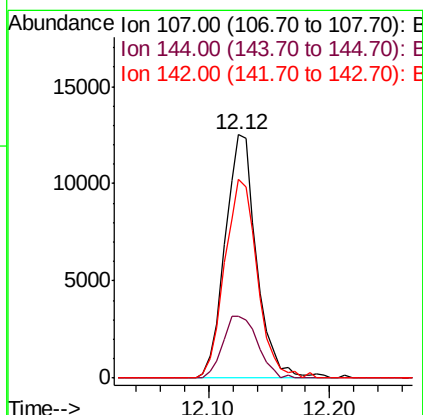
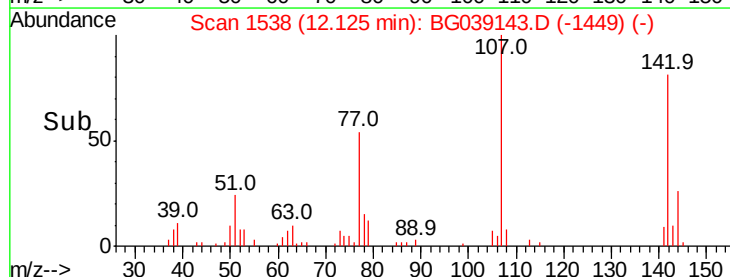
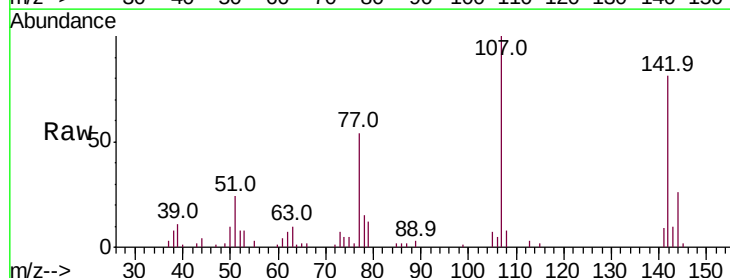
Tgt Ion:107 Resp: 22623

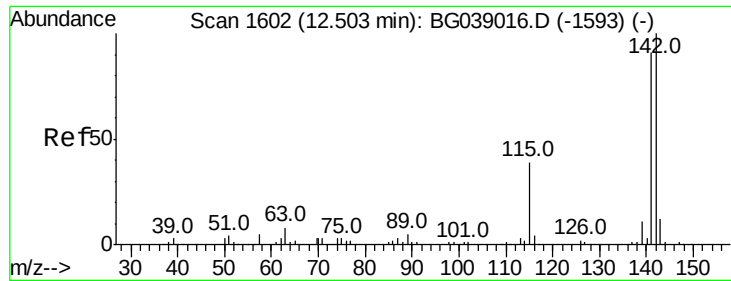
Ion Ratio Lower Upper

107 100

144 25.6 22.6 34.0

142 81.5 70.2 105.4





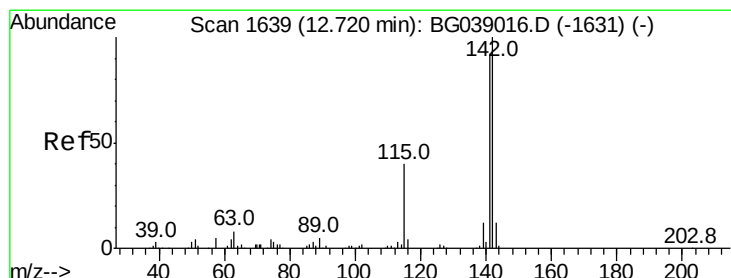
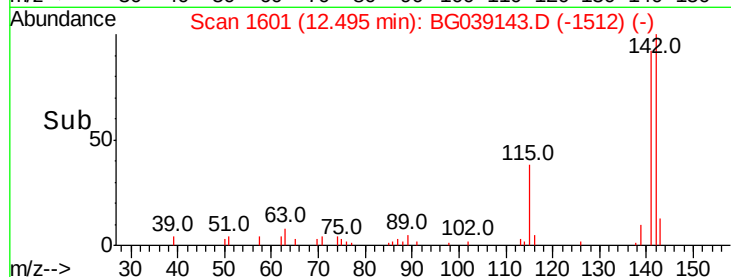
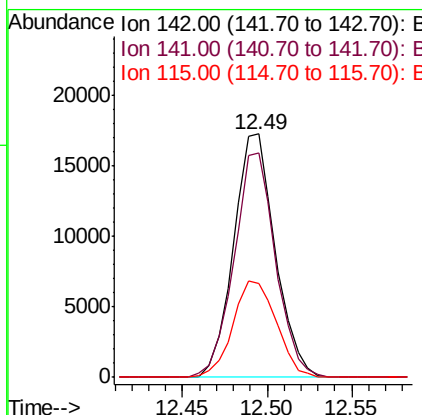
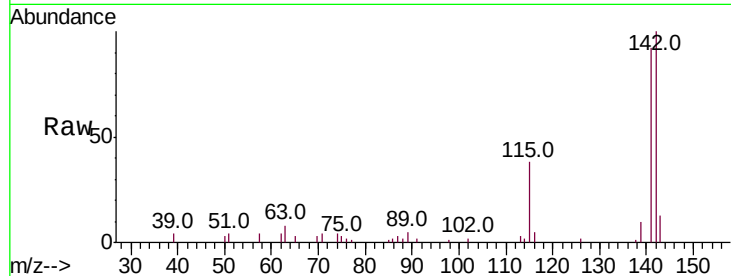
#37
2-Methylnaphthalene
Concen: 55.328 ng
RT: 12.49 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BG039143.D
Acq: 15 Jan 2019 22:28

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.2	72.6	109.0
115	38.3	31.1	46.7

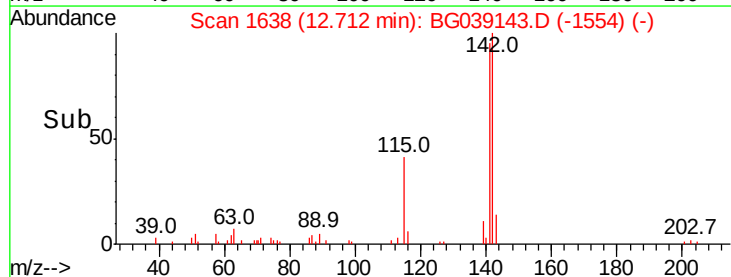
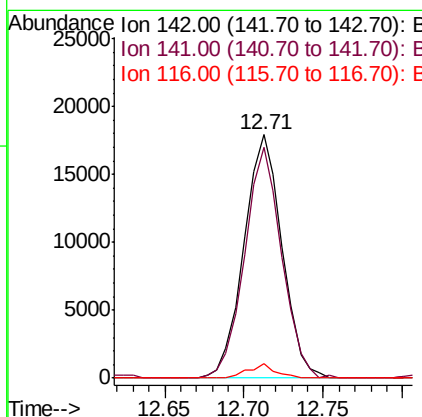
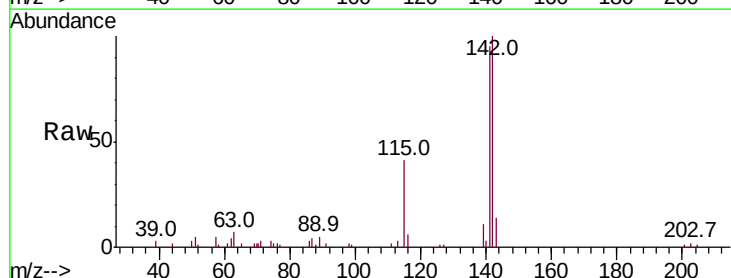
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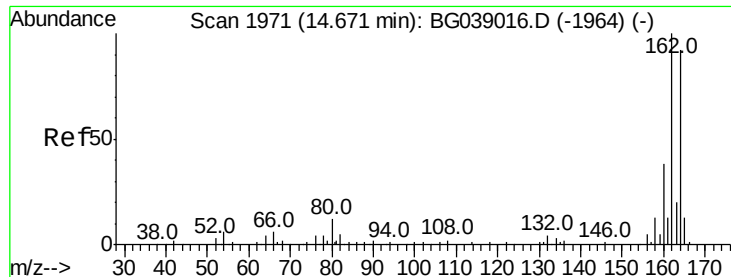
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#38
1-Methylnaphthalene
Concen: 58.116 ng
RT: 12.71 min Scan# 1638
Delta R.T. -0.01 min
Lab File: BG039143.D
Acq: 15 Jan 2019 22:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.6	73.3	109.9
116	6.1	3.1	4.7#





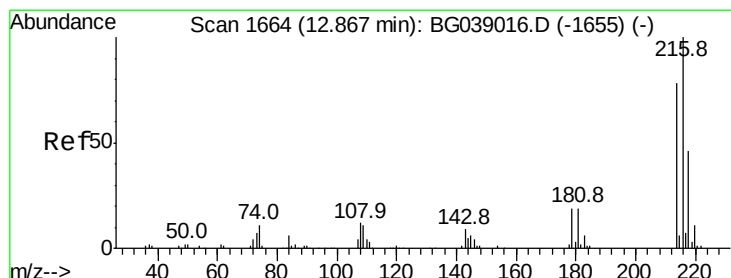
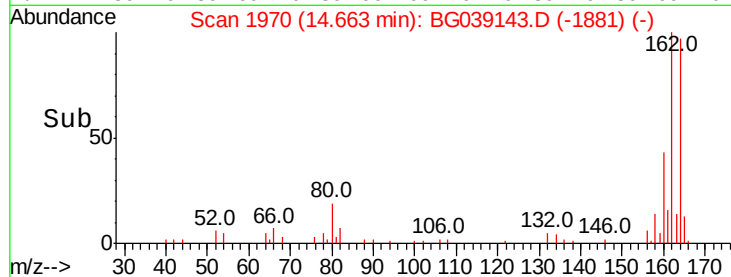
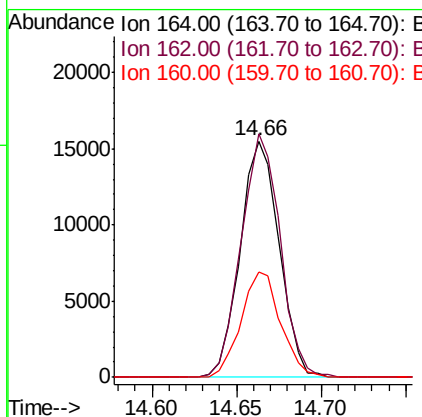
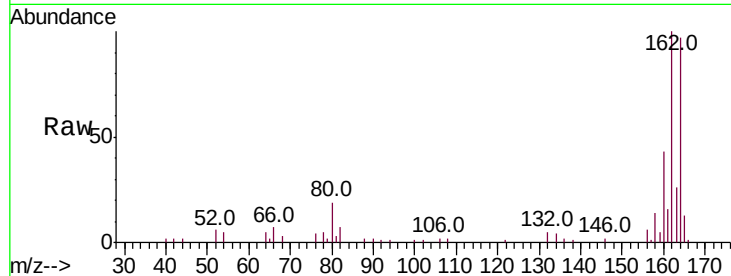
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG039143.D
 Acq: 15 Jan 2019 22:28

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.0	87.2	130.8
160	44.8	33.3	49.9

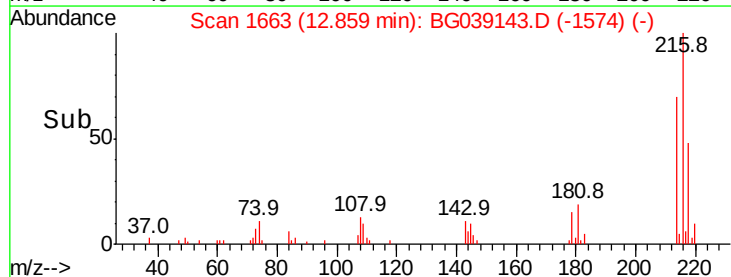
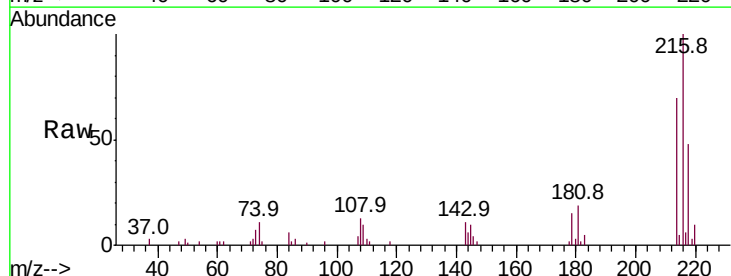
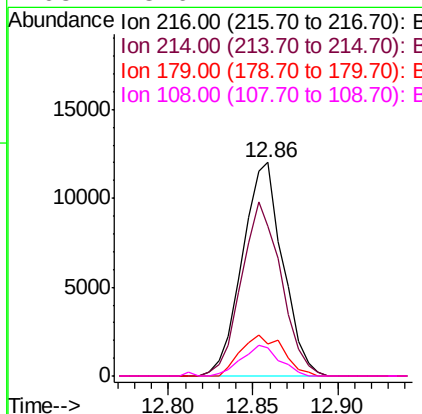
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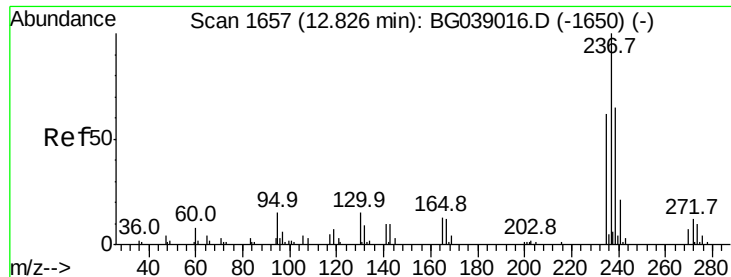
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 21.351 ng
 RT: 12.86 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: BG039143.D
 Acq: 15 Jan 2019 22:28

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.2	63.4	95.2
179	19.9	15.5	23.3
108	13.6	11.4	17.2





#41

Hexachlorocyclopentadiene

Concen: 17.042 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

Instrument :

BNA_G

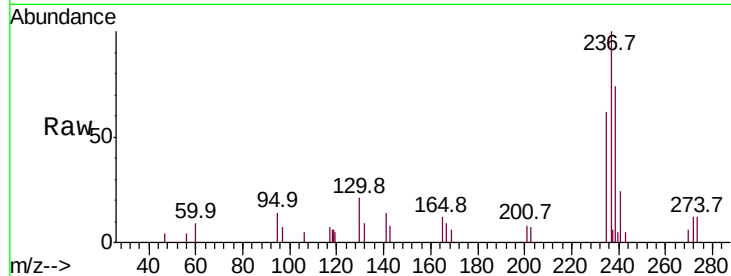
ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

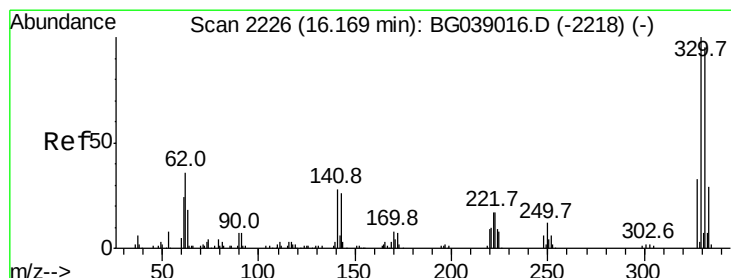
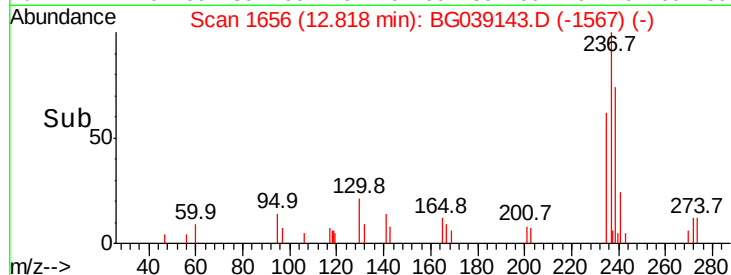
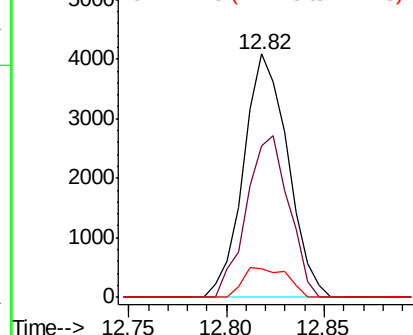
Tot Ion:	237	Resp:	6412
Ion Ratio	Lower	Upper	
237	100		
235	62.0	41.7	81.7
272	11.5	0.0	32.1

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 197.108 ng

RT: 16.16 min Scan# 2224

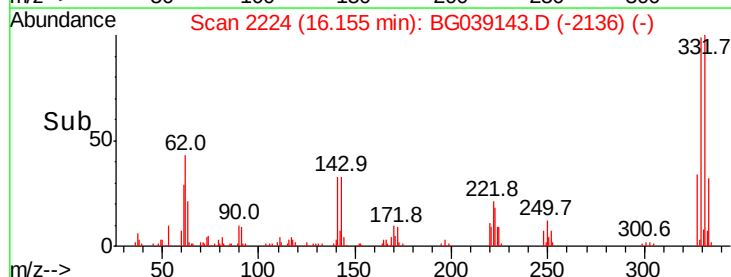
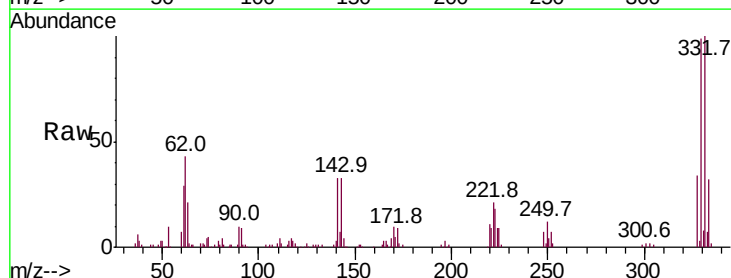
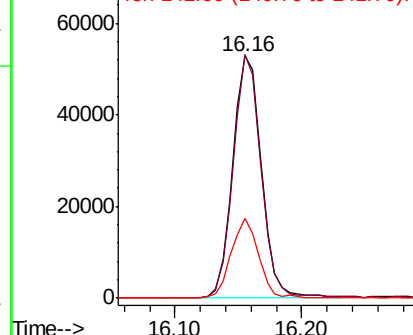
Delta R.T. -0.01 min

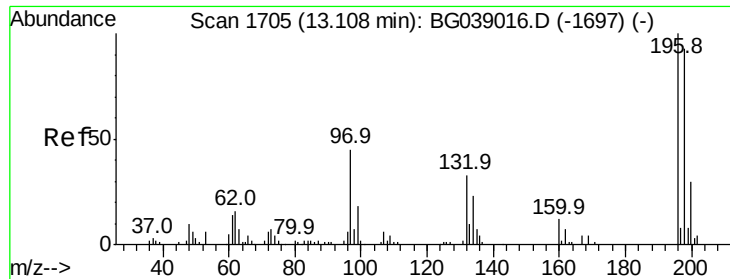
Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

Tgt Ion:	330	Resp:	82225
Ion Ratio	Lower	Upper	
330	100		
332	98.4	75.7	113.5
141	31.7	24.9	37.3

Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





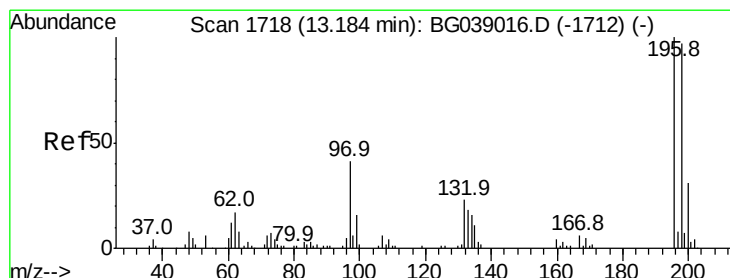
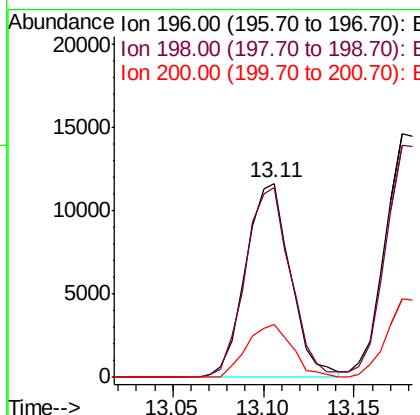
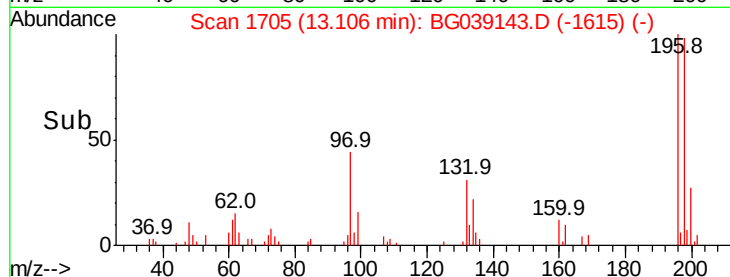
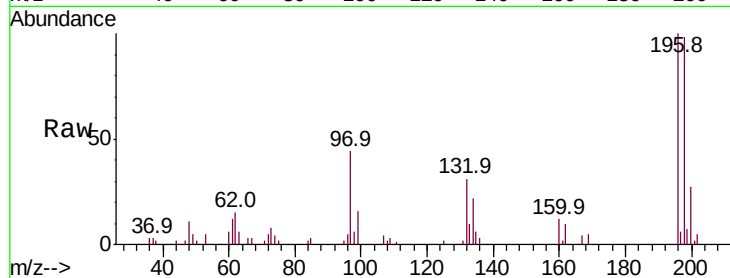
#43
 2,4,6-Trichlorophenol
 Concen: 34.011 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG039143.D
 Acq: 15 Jan 2019 22:28

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	20006		
198	97.7		74.5	111.7
200	27.0		23.8	35.6

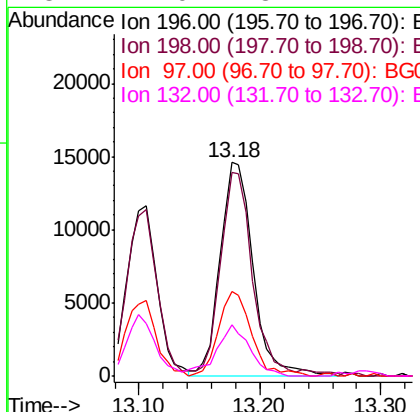
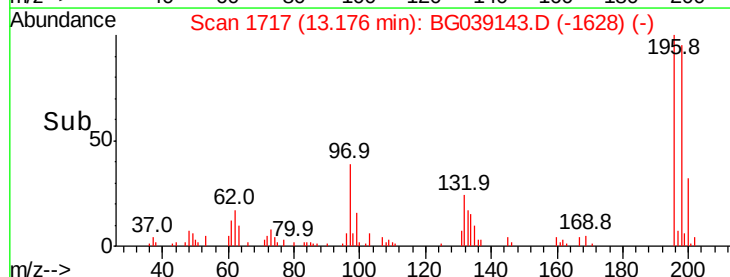
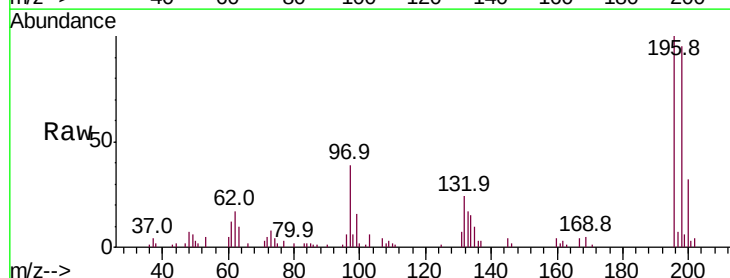
Manual Integrations
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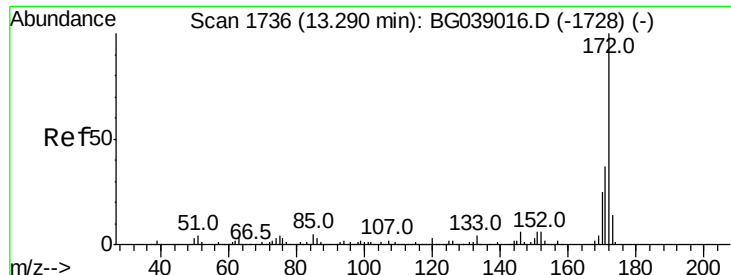
Sohil
 1/16/2019 2:06:03 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.648 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG039143.D
 Acq: 15 Jan 2019 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	27758		
198	95.4		78.1	117.1
97	39.4		33.2	49.8
132	24.0		18.2	27.4





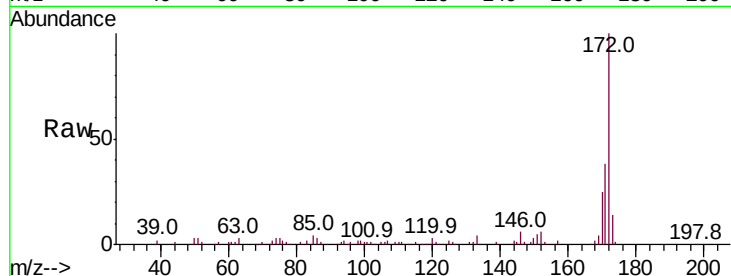
#45
2-Fluorobiphenyl
Concen: 50.681 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BG039143.D
Acq: 15 Jan 2019 22:28

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.4	44.0
170	24.8	20.1	30.1

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1/16/2019 2:06:03 PM

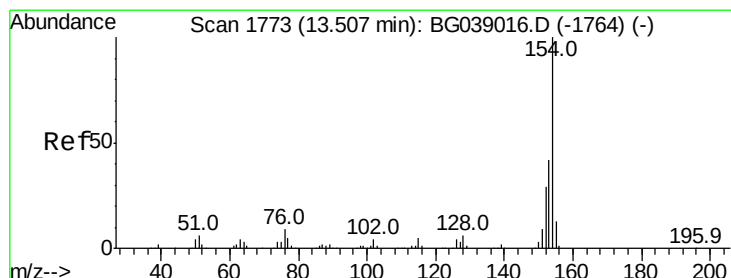
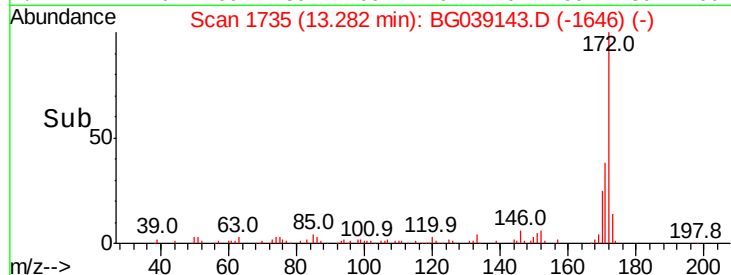
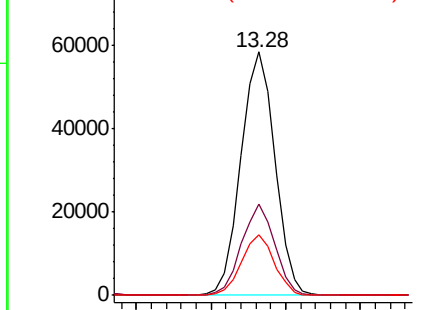


Abundance

Ion 172.00 (171.70 to 172.70): E

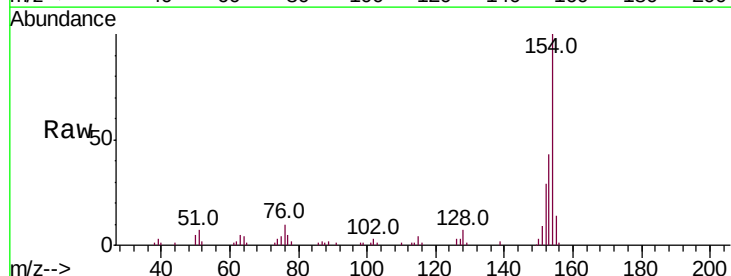
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 24.691 ng
RT: 13.49 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BG039143.D
Acq: 15 Jan 2019 22:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.4	22.4	62.4
76	9.7	0.0	29.4

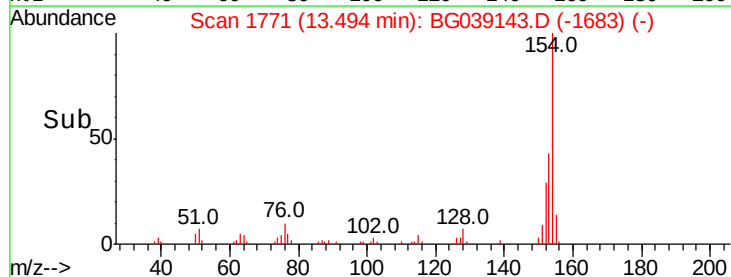
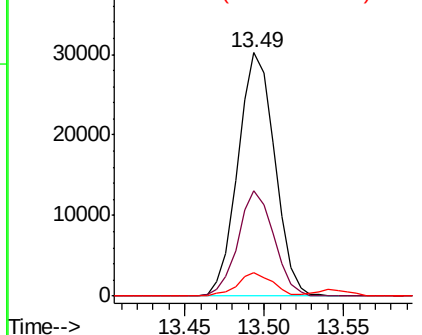


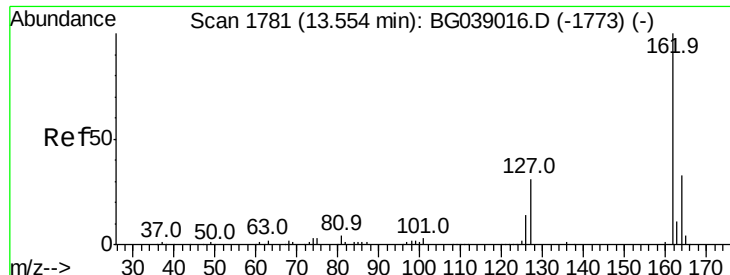
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC





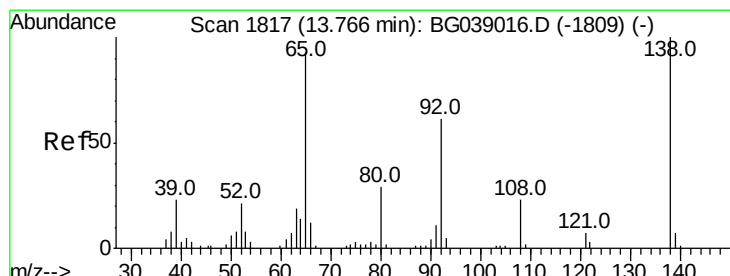
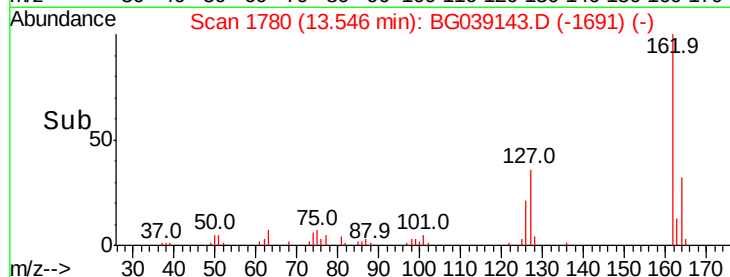
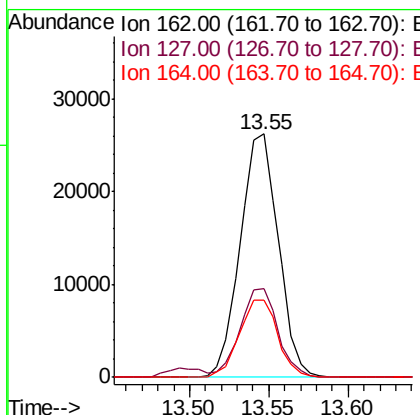
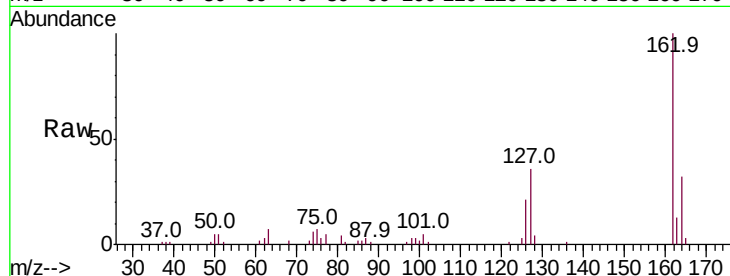
#47
2-Chloronaphthalene
Concen: 27.434 ng
RT: 13.55 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BG039143.D
Acq: 15 Jan 2019 22:28

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.2	28.4	42.6
164	31.9	26.3	39.5

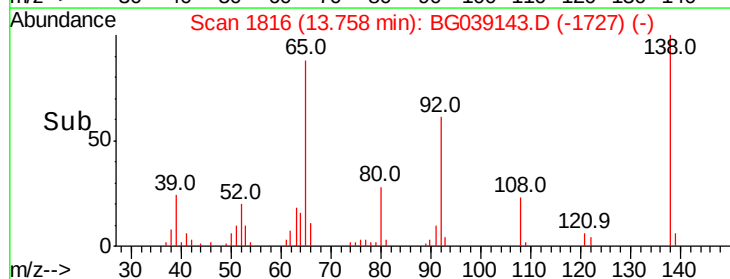
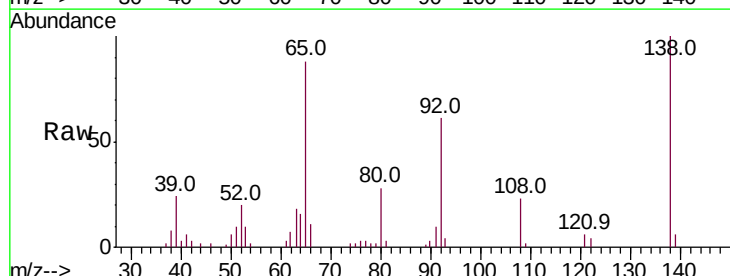
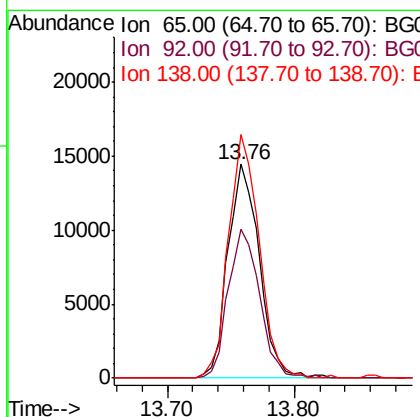
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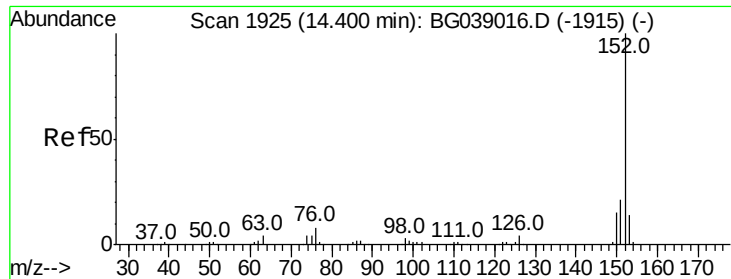
Sohil
1/16/2019 2:06:03 PM



#48
2-Nitroaniline
Concen: 55.446 ng
RT: 13.76 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG039143.D
Acq: 15 Jan 2019 22:28

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.6	52.2	78.4
138	113.9	86.0	129.0





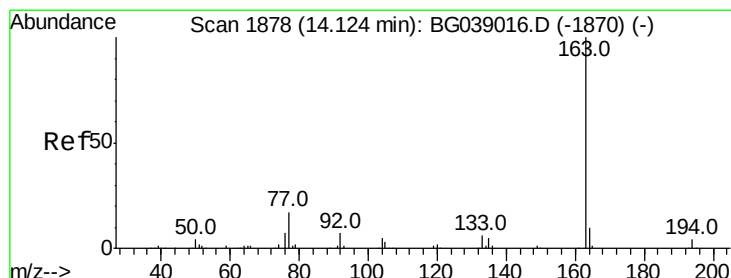
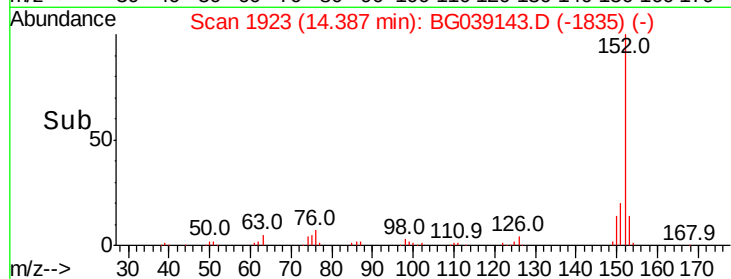
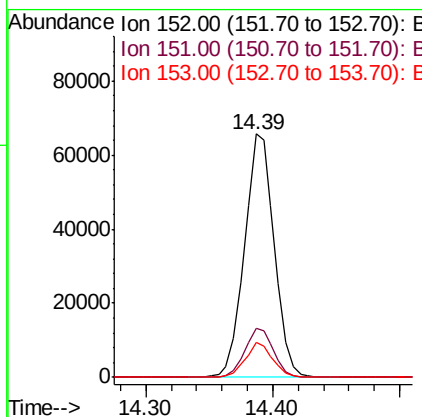
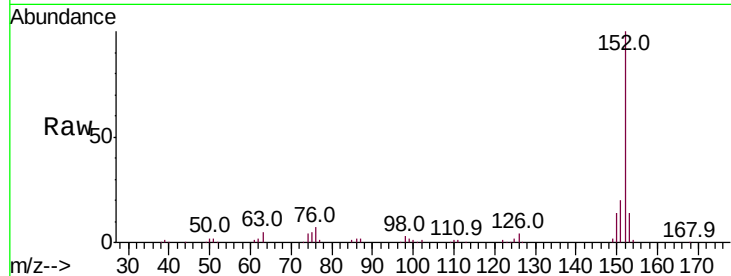
#49
Acenaphthylene
Concen: 44.388 ng
RT: 14.39 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BG039143.D
Acq: 15 Jan 2019 22:28

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion:	152	Resp:	106463
Ion Ratio	Lower	Upper	
152	100		
151	19.9	17.0	25.4
153	14.3	11.2	16.8

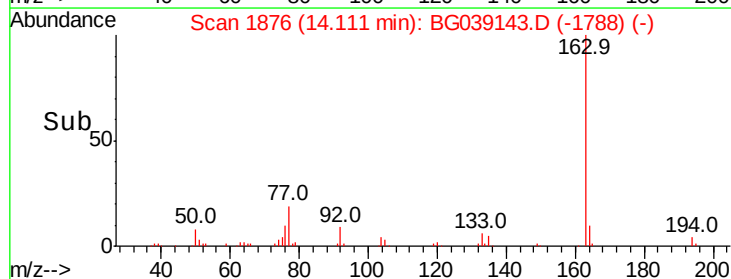
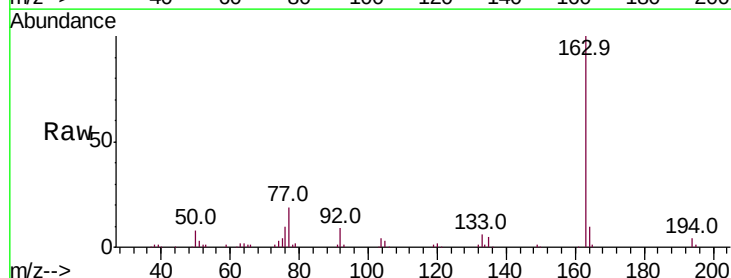
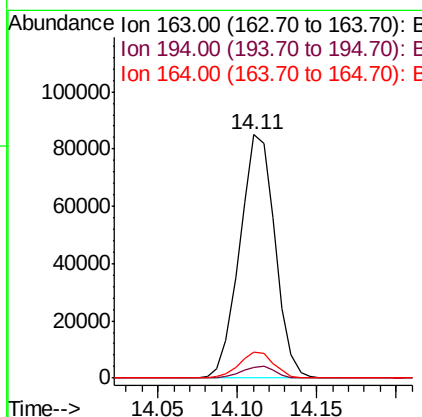
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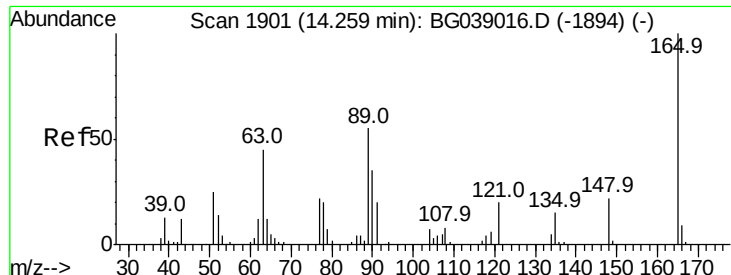
Sohil
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#50
Dimethylphthalate
Concen: 62.214 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG039143.D
Acq: 15 Jan 2019 22:28

Tgt Ion:	163	Resp:	130835
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.6	5.4
164	10.5	8.2	12.2





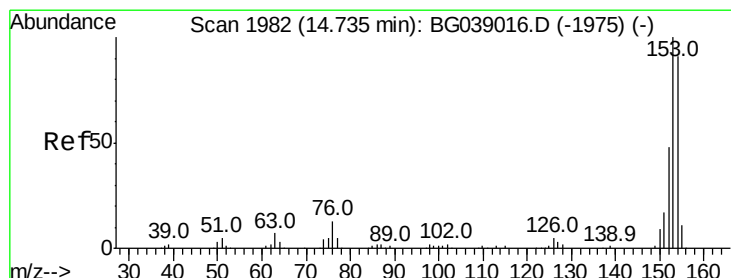
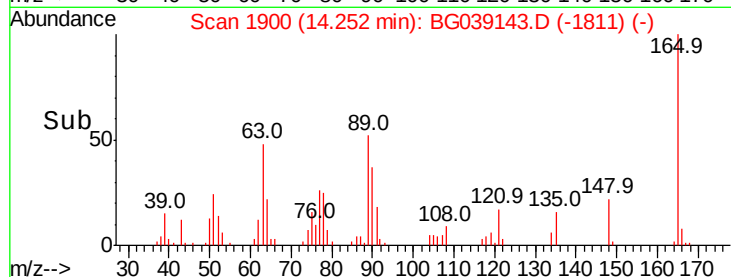
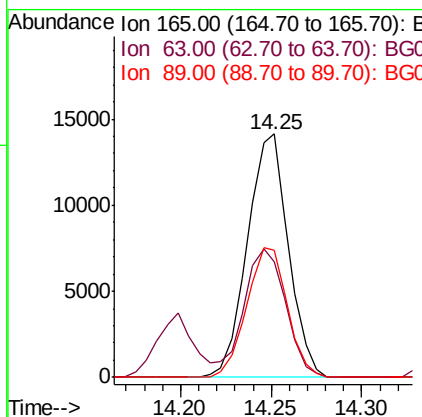
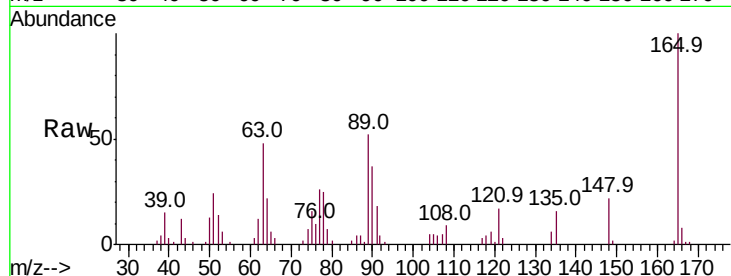
#51
2,6-Dinitrotoluene
Concen: 47.306 ng
RT: 14.25 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BG039143.D
Acq: 15 Jan 2019 22:28

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.5	43.6	65.4
89	52.4	43.7	65.5

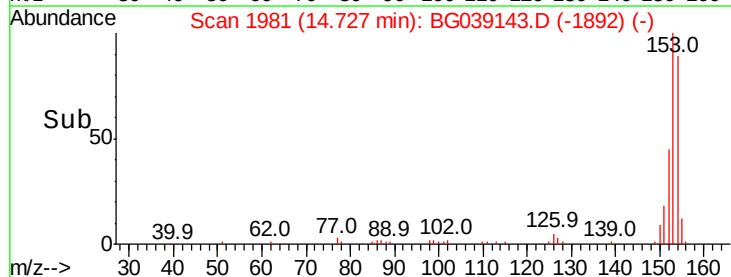
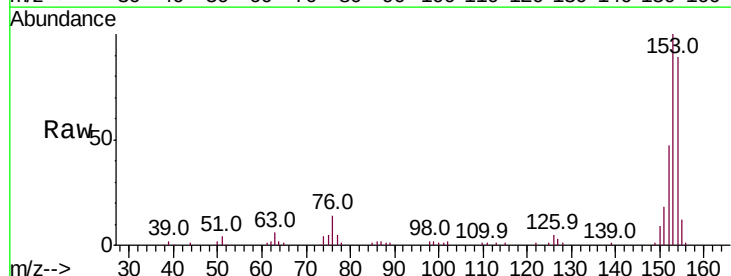
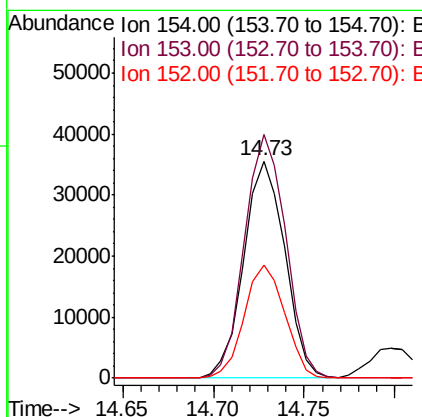
Manual Integrations
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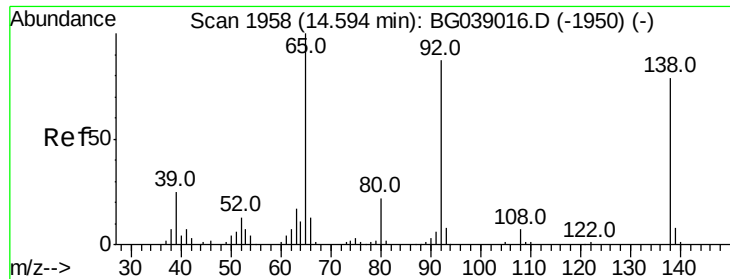
Sohil
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#52
Acenaphthene
Concen: 38.960 ng
RT: 14.73 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG039143.D
Acq: 15 Jan 2019 22:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.3	87.9	131.9
152	52.3	42.2	63.2





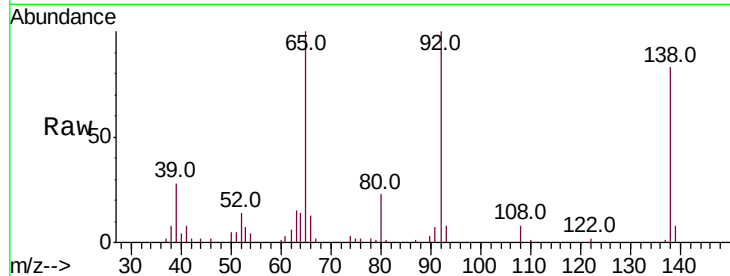
#53
 3-Nitroaniline
 Concen: 49.715 ng
 RT: 14.59 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BG039143.D
 Acq: 15 Jan 2019 22:28

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	7.4	11.0
92	120.2	88.2	132.4

Manual Integrations
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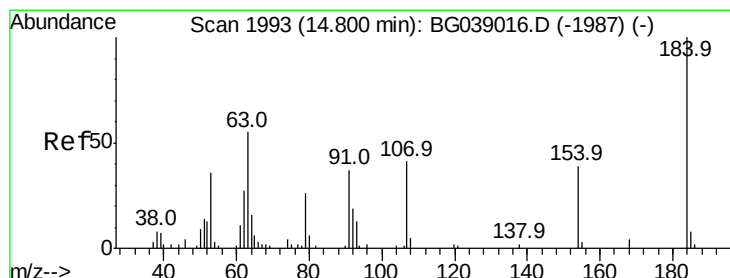
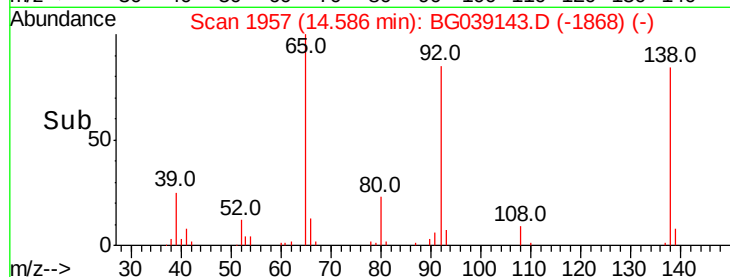
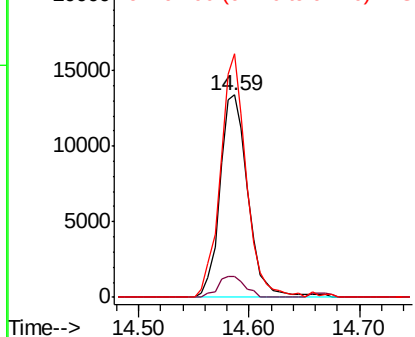


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54
 2,4-Dinitrophenol
 Concen: 62.660 ng
 RT: 14.79 min Scan# 1992
 Delta R.T. -0.01 min
 Lab File: BG039143.D
 Acq: 15 Jan 2019 22:28

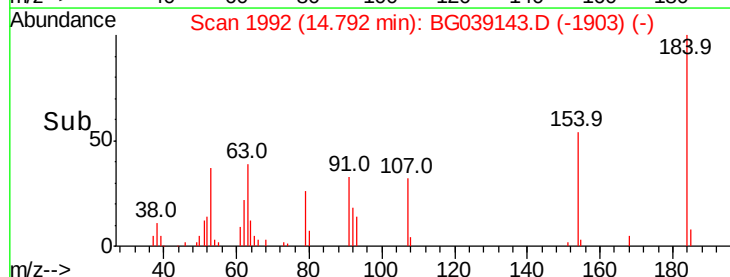
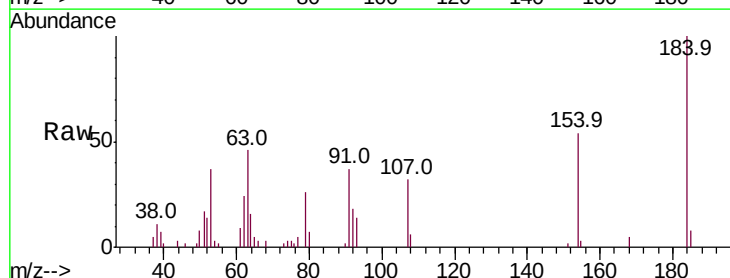
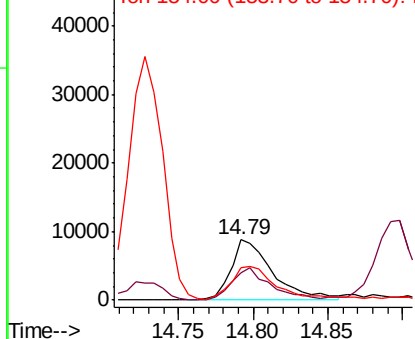
Tgt Ion	Ratio	Lower	Upper
184	100		
63	45.8	44.0	66.0
154	54.1	46.1	69.1

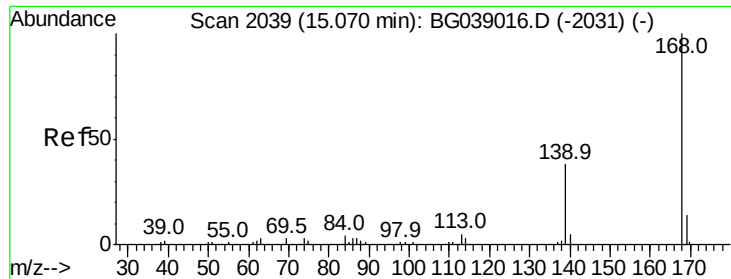
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





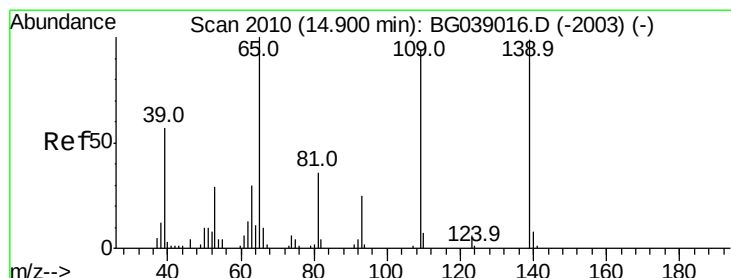
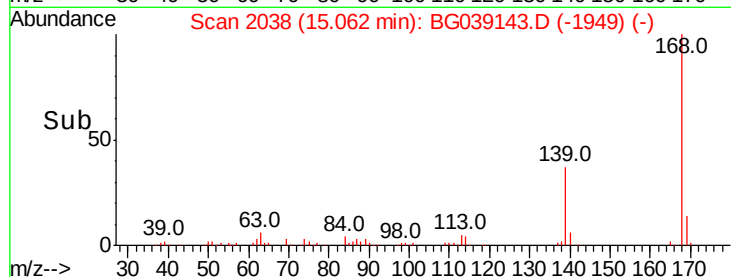
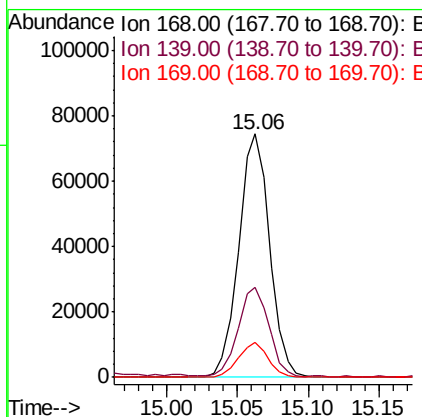
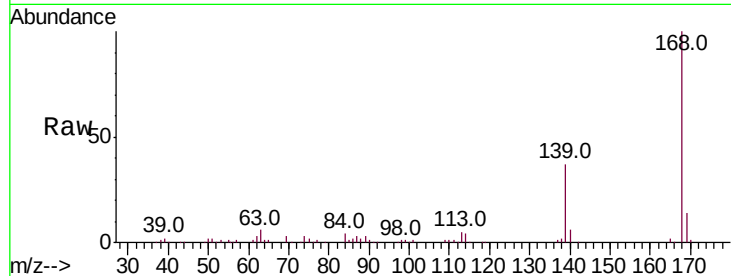
#55
Dibenzenofuran
Concen: 44.546 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BG039143.D
Acq: 15 Jan 2019 22:28

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	113373		
139	37.0		30.1	45.1
169	14.1		10.9	16.3

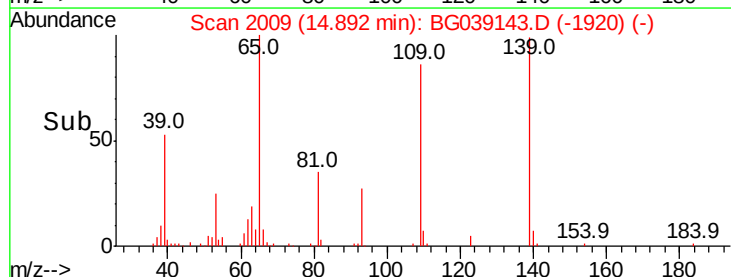
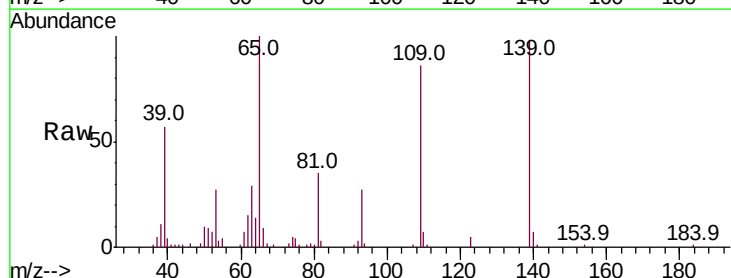
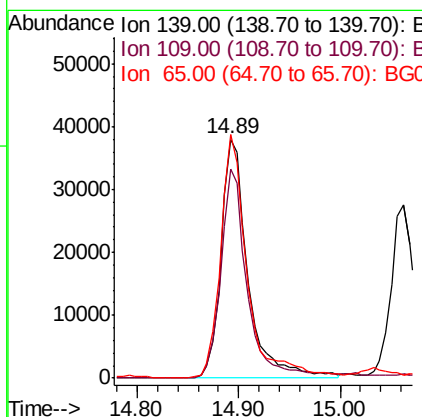
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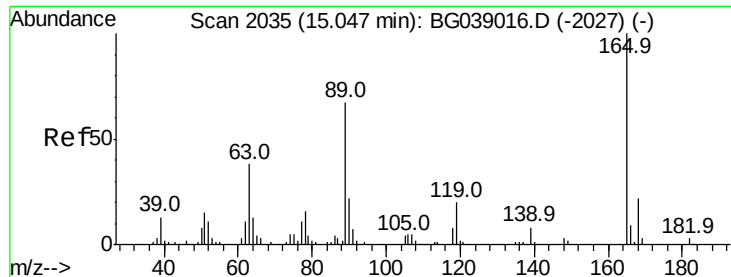
Sohil
1/16/2019 2:06:03 PM



#56
4-Nitrophenol
Concen: 203.713 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG039143.D
Acq: 15 Jan 2019 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	69911		
109	87.3		75.6	115.6
65	101.8		81.2	121.2





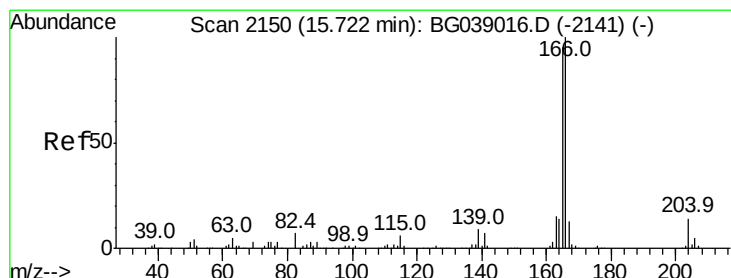
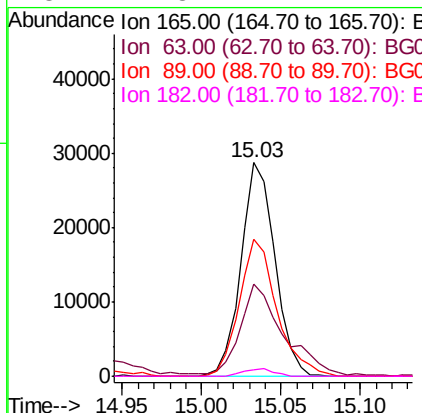
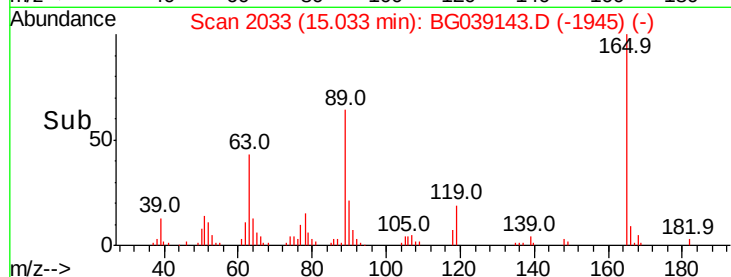
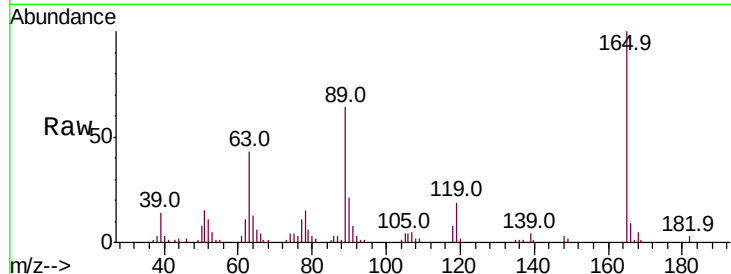
#57
2,4-Dinitrotoluene
Concen: 63.203 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BG039143.D
Acq: 15 Jan 2019 22:28

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.1	30.2	45.4	
89	63.9	53.2	79.8	
182	2.8	2.7	4.1	

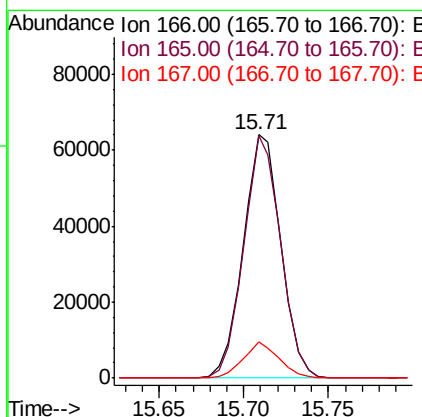
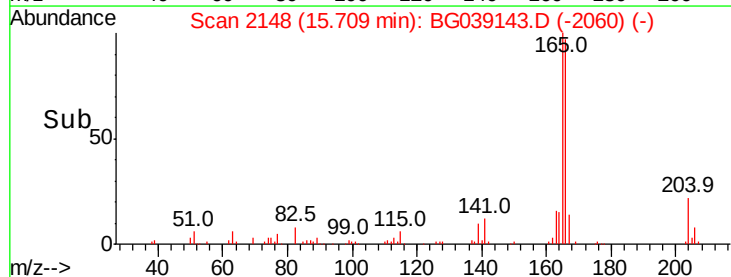
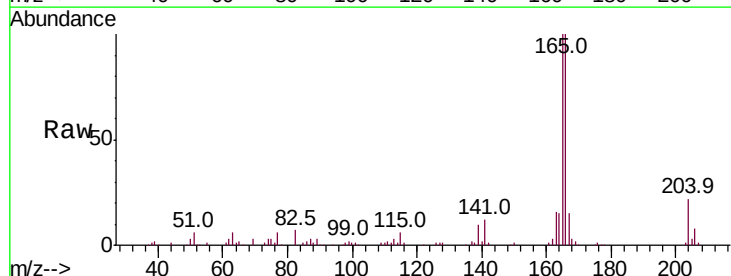
Manual Integrations
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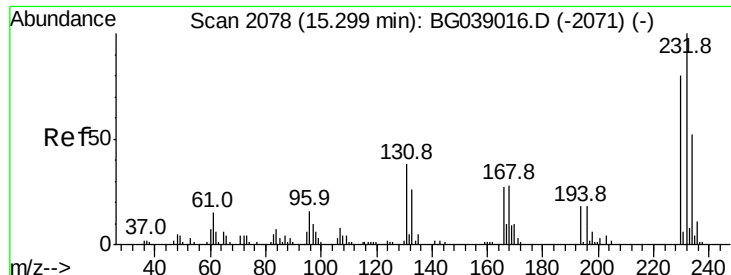
Sohil
1/16/2019 2:06:03 PM



#58
Fluorene
Concen: 51.669 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG039143.D
Acq: 15 Jan 2019 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.5	76.2	114.2	
167	14.8	10.6	16.0	





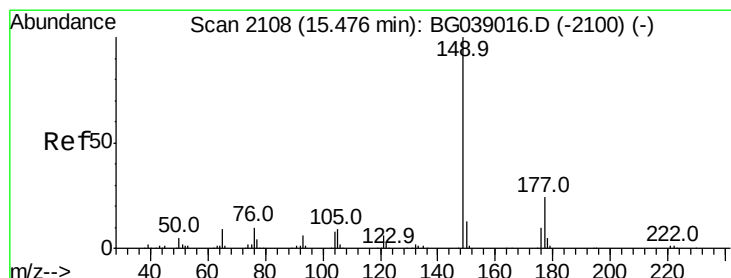
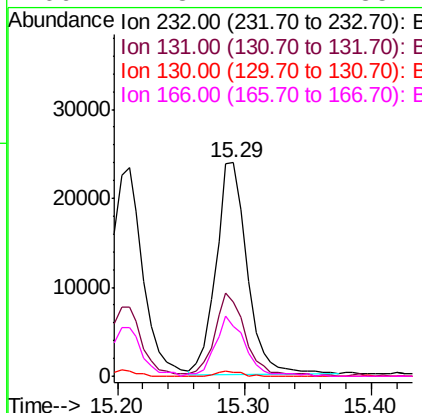
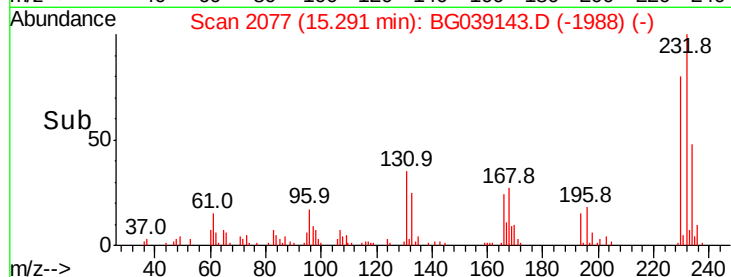
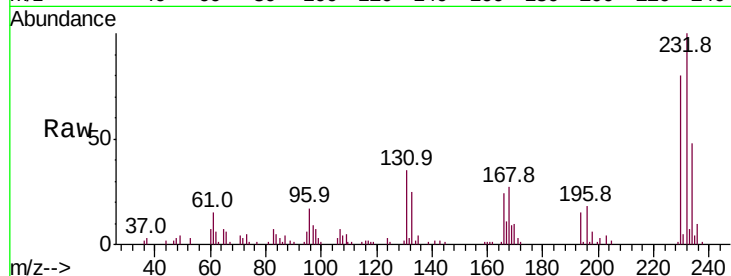
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 69.551 ng
 RT: 15.29 min Scan# 2077
 Delta R.T. -0.01 min
 Lab File: BG039143.D
 Acq: 15 Jan 2019 22:28

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	40817		
131	39.2		30.9	46.3
130	2.1		1.9	2.9
166	27.8		22.1	33.1

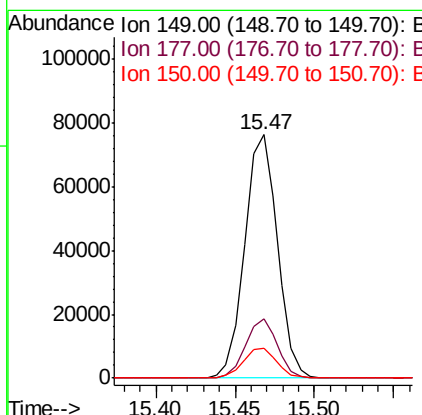
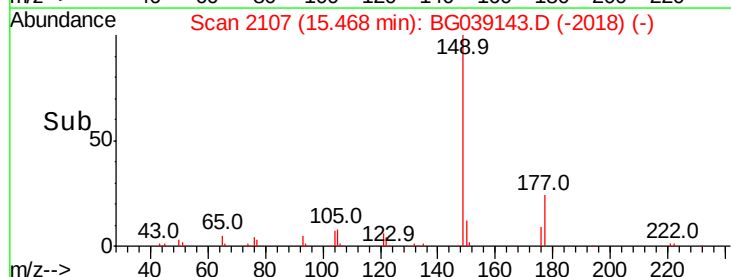
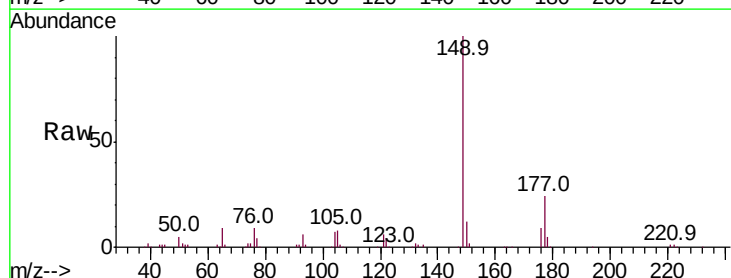
Manual Integrations
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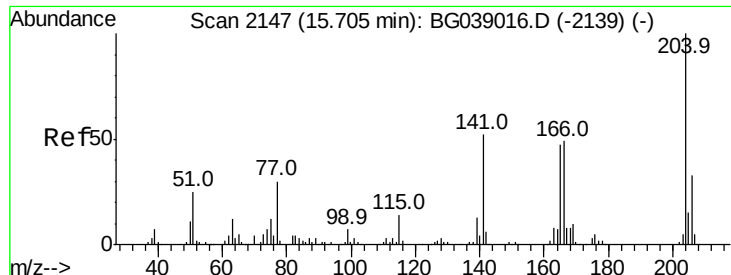
Sohil
 1/16/2019 2:06:03 PM



#60
 Diethylphthalate
 Concen: 50.326 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.01 min
 Lab File: BG039143.D
 Acq: 15 Jan 2019 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	109043		
177	24.4		19.0	28.6
150	12.3		10.2	15.4





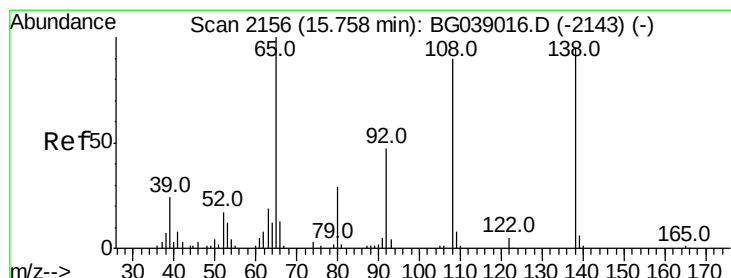
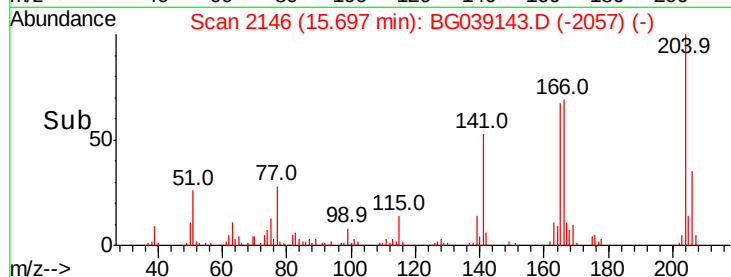
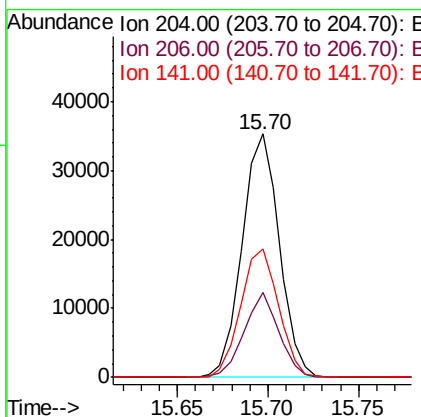
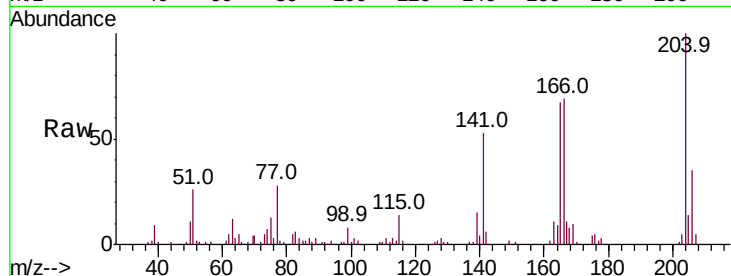
#61
4-Chlorophenyl-phenylether
Concen: 41.743 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG039143.D
Acq: 15 Jan 2019 22:28

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.6	26.6	39.8
141	52.9	41.4	62.0

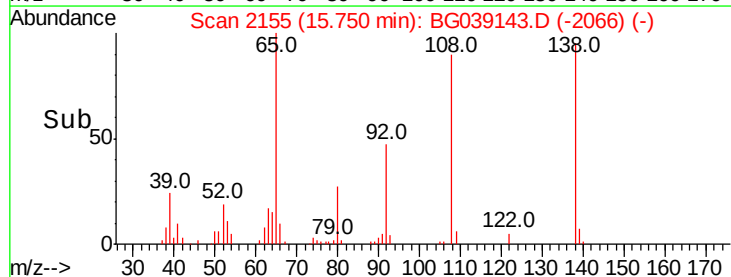
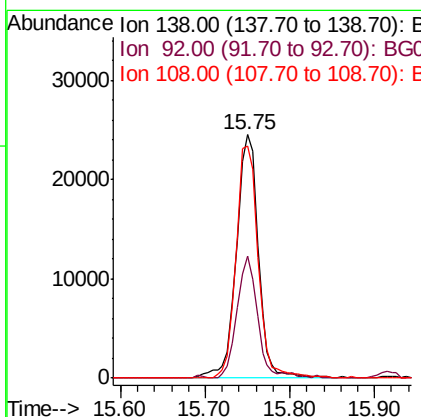
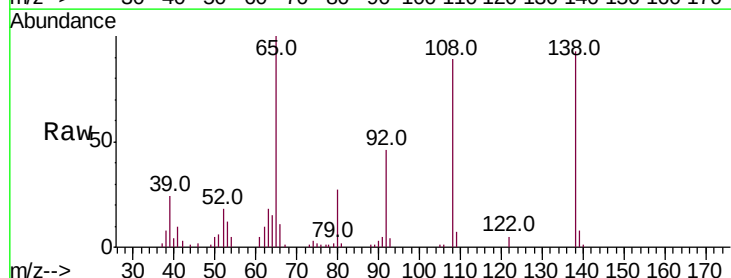
Manual Integrations
APPROVED

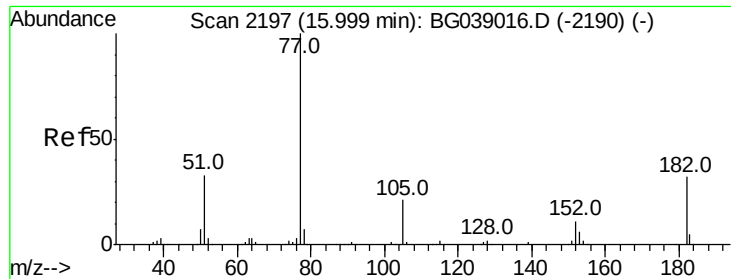
Sohil
1/16/2019 2:06:03 PM



#62
4-Nitroaniline
Concen: 88.554 ng
RT: 15.75 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BG039143.D
Acq: 15 Jan 2019 22:28

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.9	29.7	69.7
108	95.4	75.7	115.7





#63

Azobenzene

Concen: 44.952 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

Instrument :

BNA_G

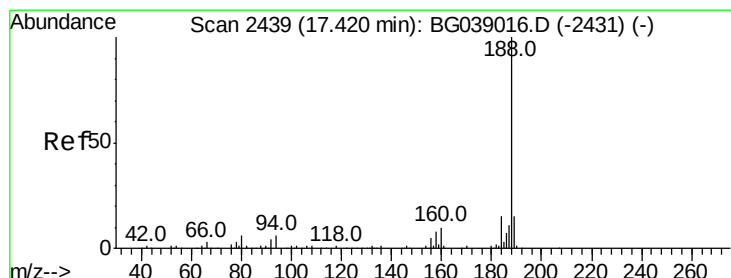
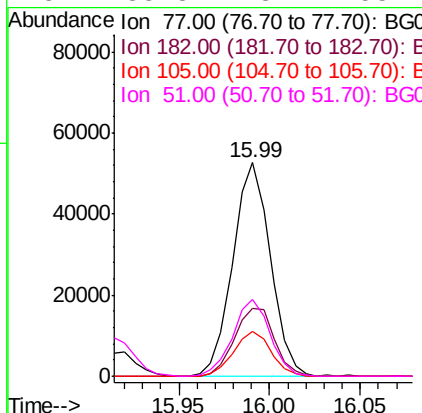
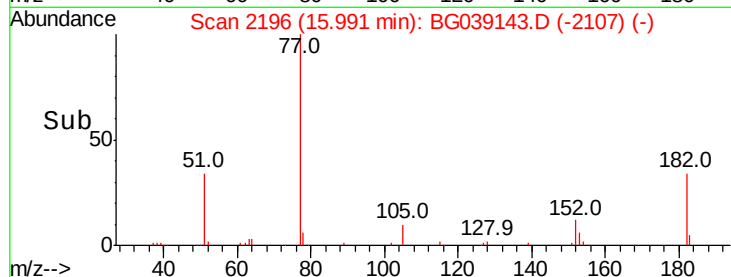
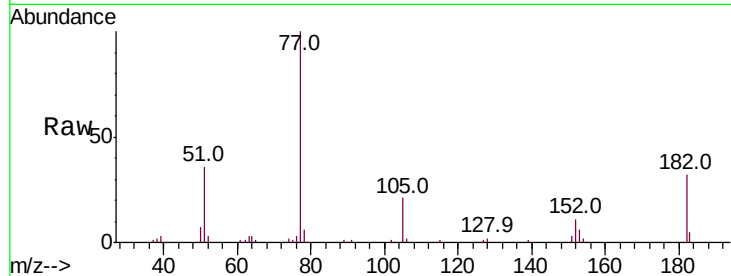
ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion:	77	Resp:	76168
Ion Ratio	Lower	Upper	
77	100		
182	31.9	12.2	52.2
105	21.1	1.2	41.2
51	35.8	13.4	53.4

Manual Integrations
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#64

Phenanthrene-d10

Concen: 20.000 ng

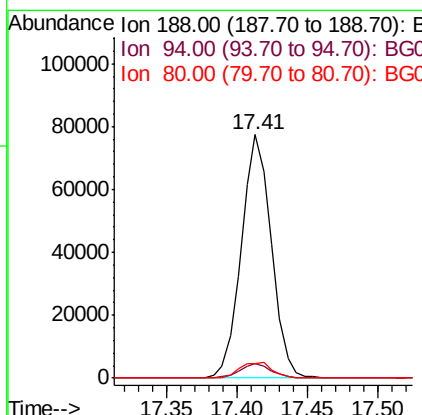
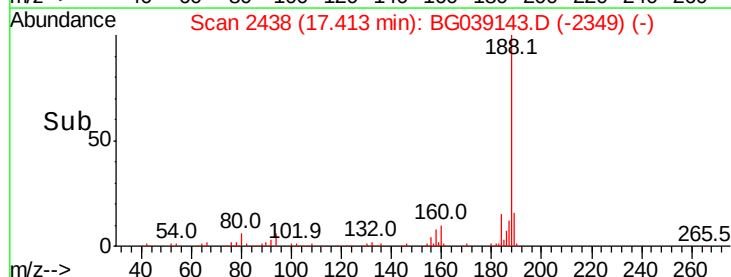
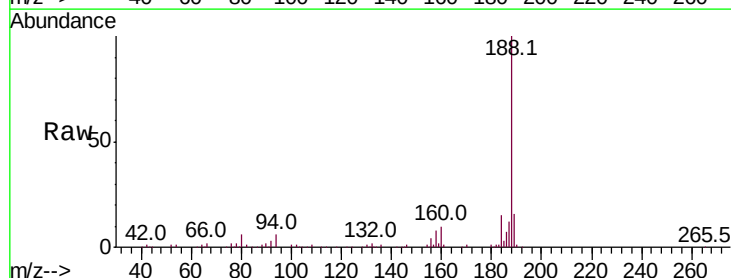
RT: 17.41 min Scan# 2438

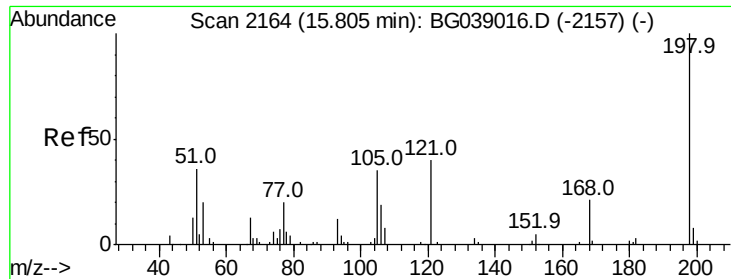
Delta R.T. -0.01 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

Tgt Ion:	188	Resp:	114822
Ion Ratio	Lower	Upper	
188	100		
94	5.8	5.0	7.4
80	5.9	4.7	7.1





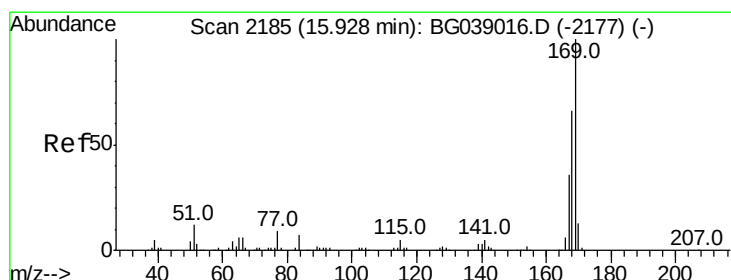
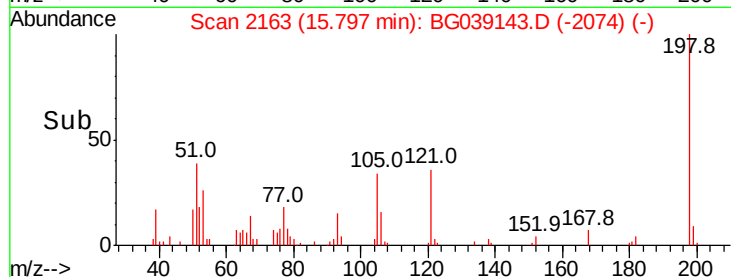
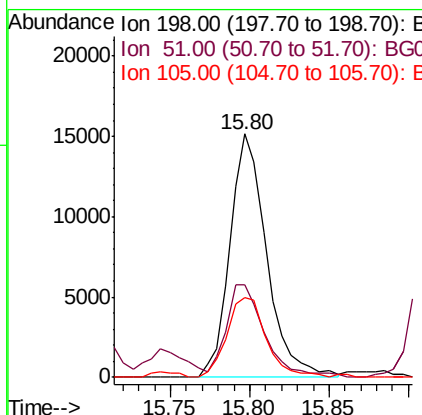
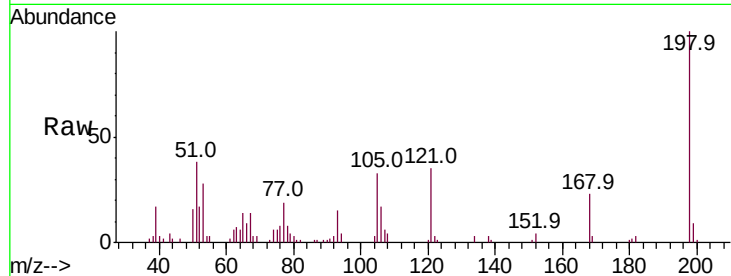
#65
 4,6-Dinitro-2-methylphenol
 Concen: 28.614 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. -0.01 min
 Lab File: BG039143.D
 Acq: 15 Jan 2019 22:28

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Lower	Upper
198	100		
51	38.1	20.8	60.8
105	32.7	16.1	56.1

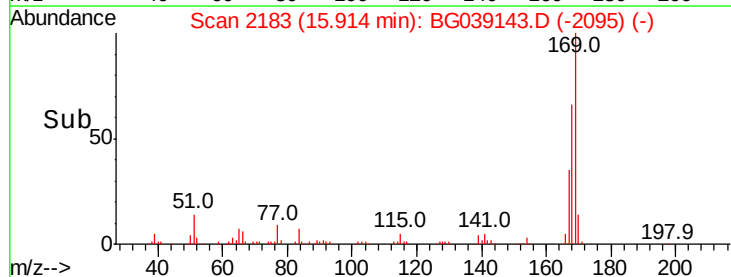
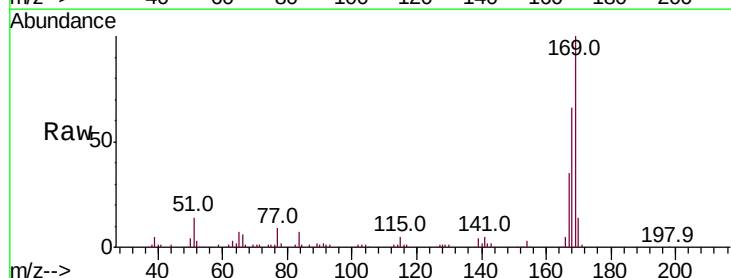
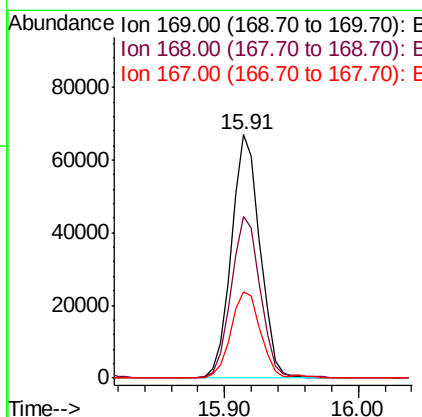
Manual Integrations
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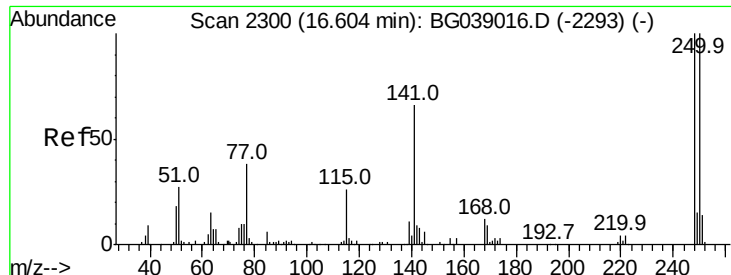
Sohil
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#66
 n-Nitrosodiphenylamine
 Concen: 29.210 ng
 RT: 15.91 min Scan# 2183
 Delta R.T. -0.01 min
 Lab File: BG039143.D
 Acq: 15 Jan 2019 22:28

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.2	79.8
167	35.3	29.1	43.7





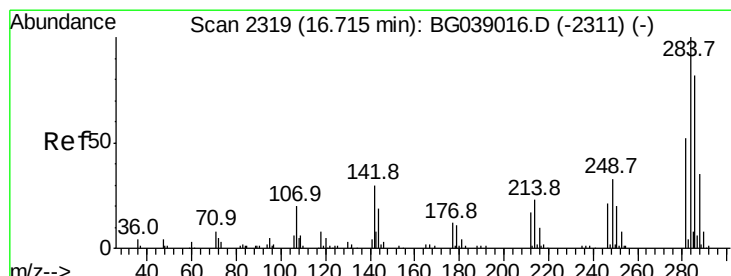
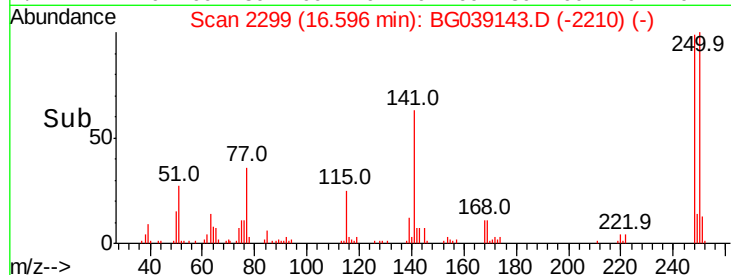
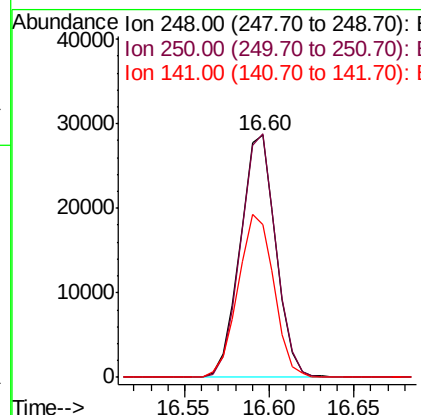
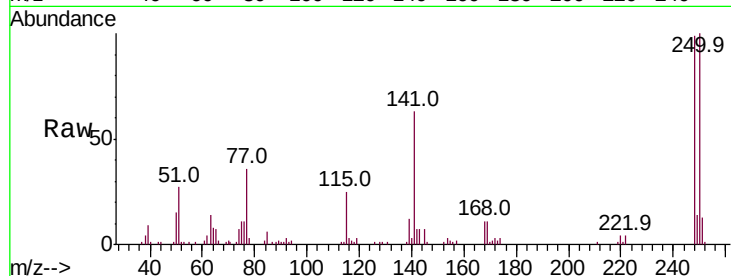
#67
 4-Bromophenyl-phenylether
 Concen: 28.445 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG039143.D
 Acq: 15 Jan 2019 22:28

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion:	248	Resp:	41985
Ion Ratio	Lower	Upper	
248	100		
250	100.5	79.9	119.9
141	62.9	52.7	79.1

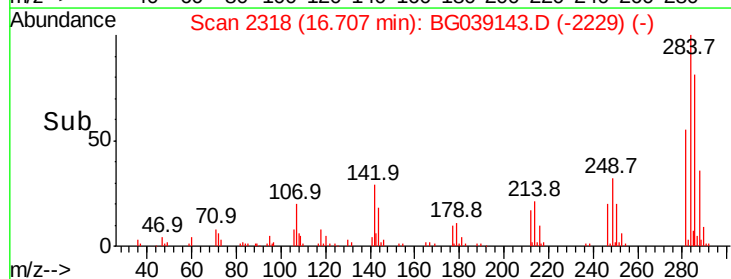
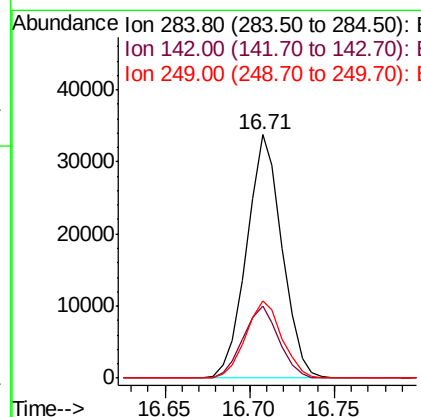
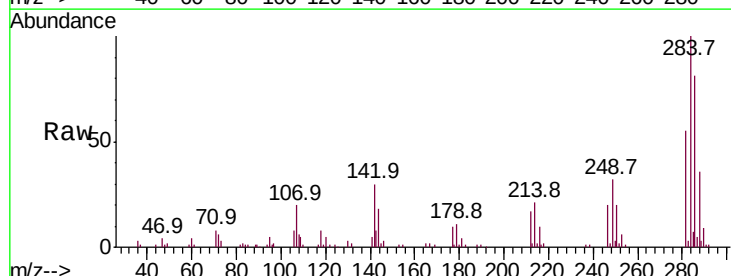
Manual Integrations
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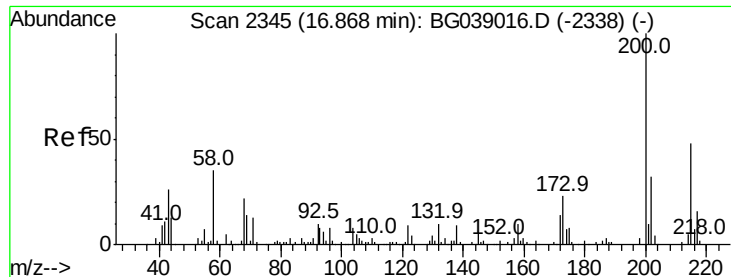
Sohil
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#68
 Hexachlorobenzene
 Concen: 30.484 ng
 RT: 16.71 min Scan# 2318
 Delta R.T. -0.01 min
 Lab File: BG039143.D
 Acq: 15 Jan 2019 22:28

Tgt Ion:	284	Resp:	49096
Ion Ratio	Lower	Upper	
284	100		
142	29.9	24.3	36.5
249	31.8	27.8	41.8





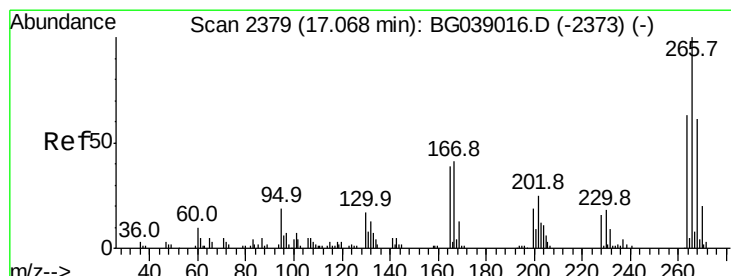
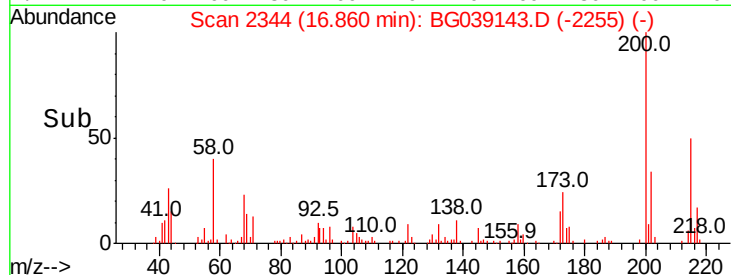
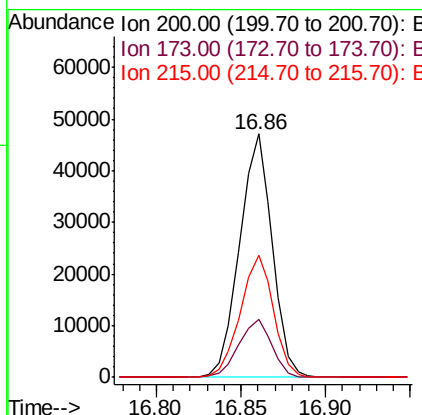
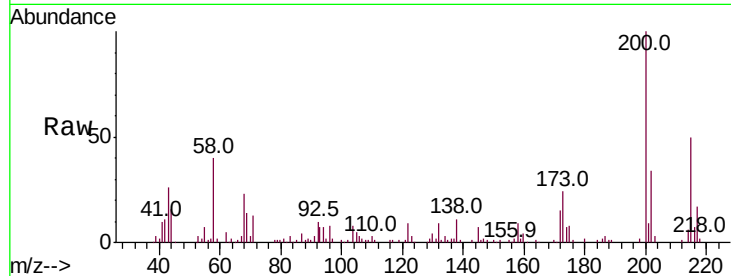
#69
Atrazine
Concen: 43.612 ng
RT: 16.86 min Scan# 2344
Delta R.T. -0.01 min
Lab File: BG039143.D
Acq: 15 Jan 2019 22:28

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.0	2.6	42.6
215	50.1	28.0	68.0

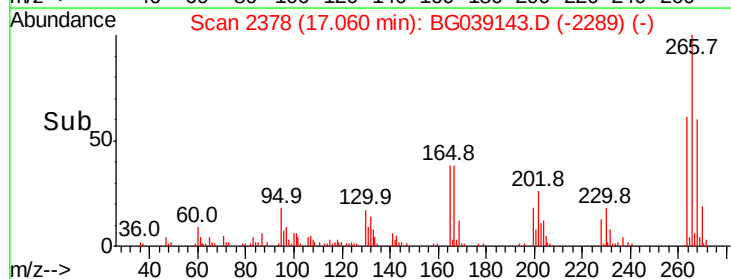
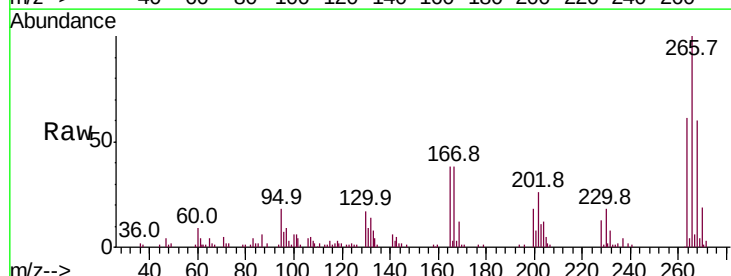
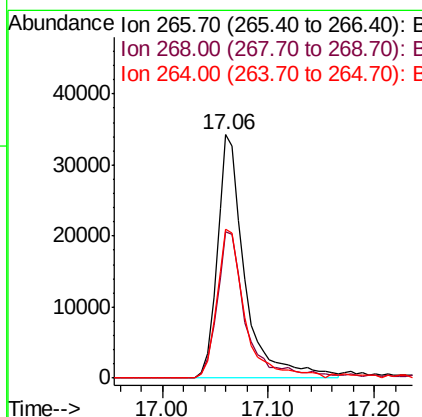
Manual Integrations
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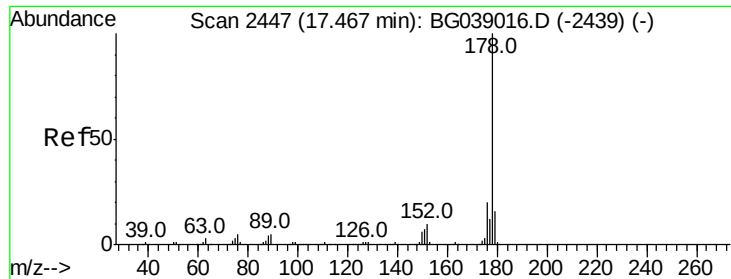
Sohil
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#70
Pentachlorophenol
Concen: 63.860 ng
RT: 17.06 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BG039143.D
Acq: 15 Jan 2019 22:28

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.3	52.0	78.0
264	65.6	54.6	81.8





#71

Phenanthrene

Concen: 40.852 ng

RT: 17.45 min Scan# 2445

Delta R.T. -0.01 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

Instrument :

BNA_G

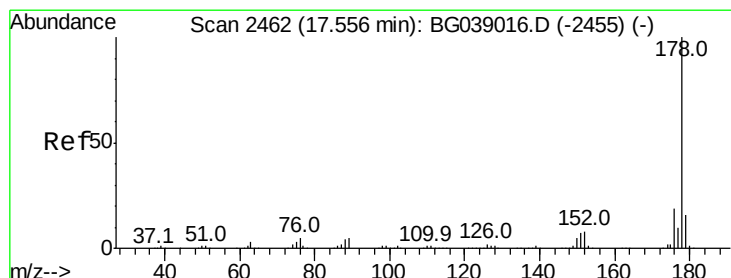
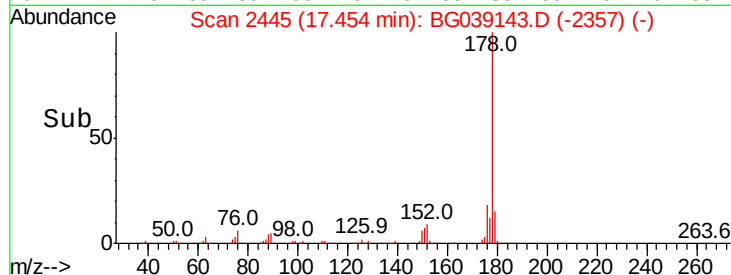
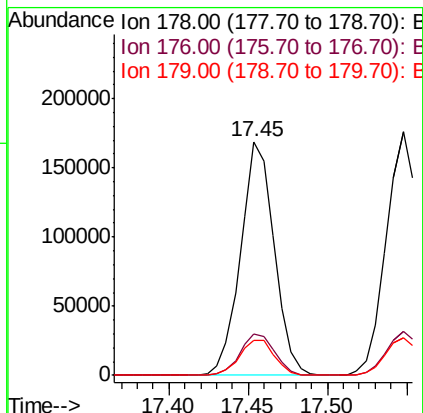
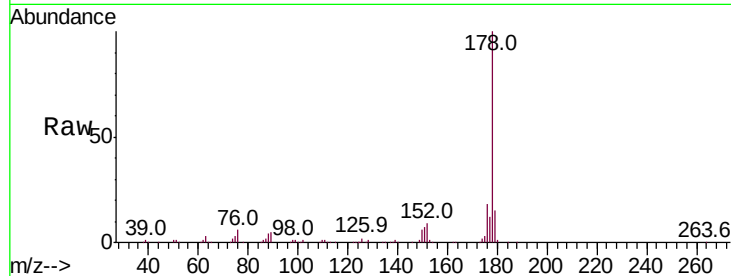
ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion:	178	Resp:	247937
Ion Ratio	Lower	Upper	
178	100		
176	17.9	15.7	23.5
179	14.9	12.9	19.3

Manual Integrations
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#72

Anthracene

Concen: 43.010 ng

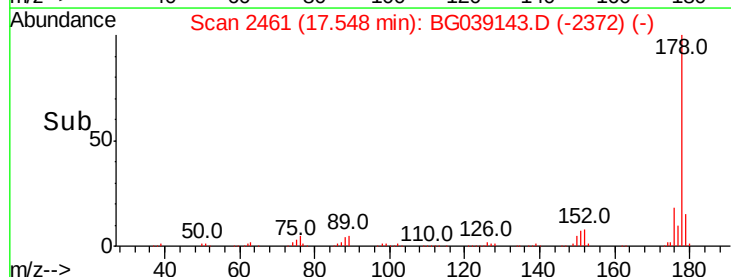
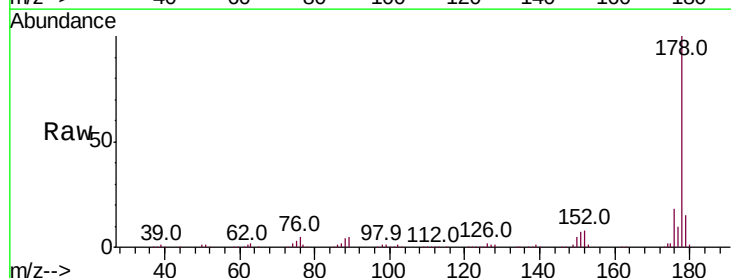
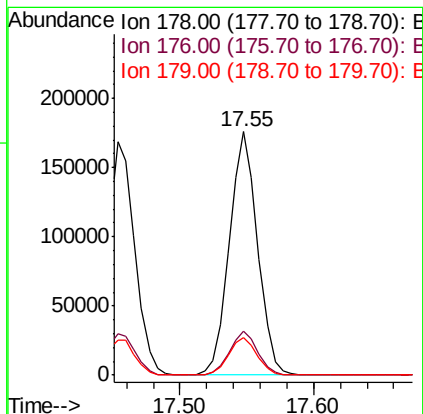
RT: 17.55 min Scan# 2461

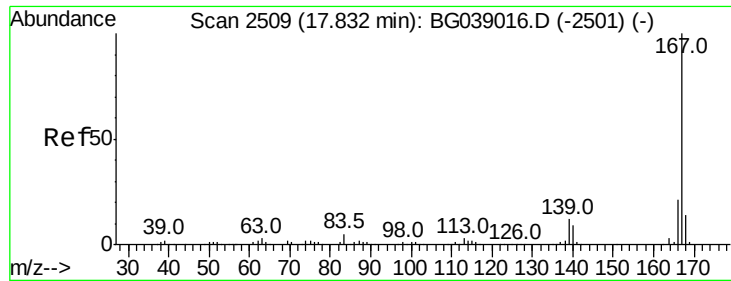
Delta R.T. -0.01 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

Tgt Ion:	178	Resp:	258091
Ion Ratio	Lower	Upper	
178	100		
176	18.0	14.9	22.3
179	15.5	13.0	19.4





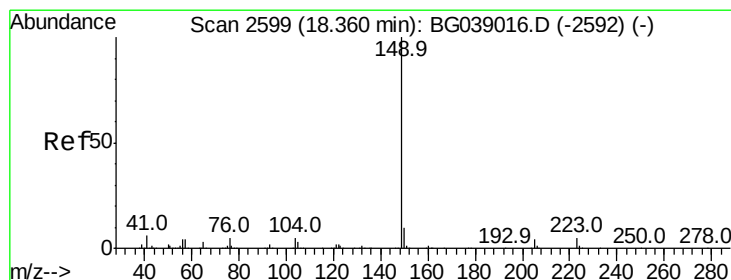
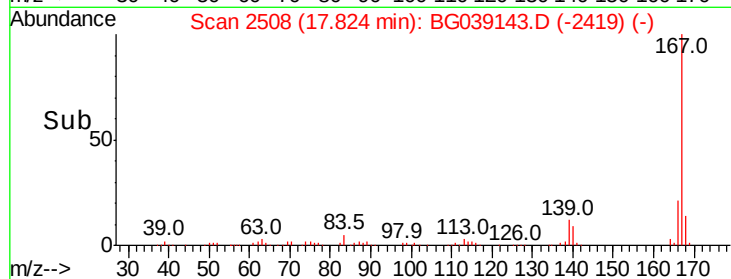
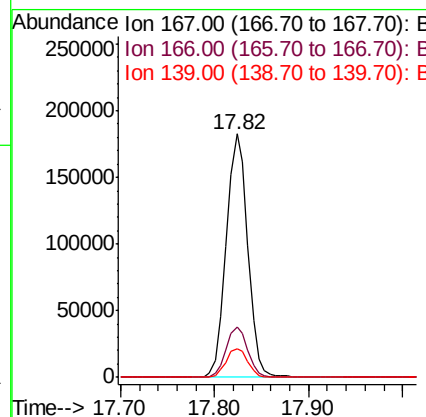
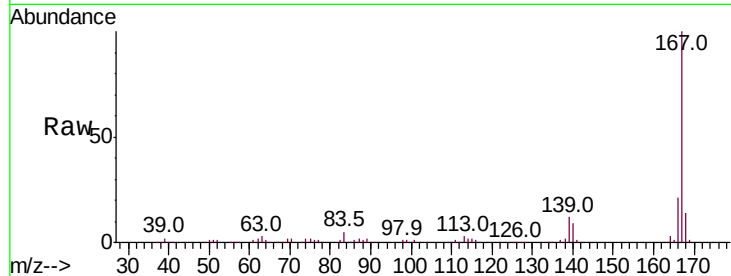
#73
 Carbazole
 Concen: 49.279 ng
 RT: 17.82 min Scan# 2508
 Delta R.T. -0.01 min
 Lab File: BG039143.D
 Acq: 15 Jan 2019 22:28

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Resp Lower	Upper
167	100		
166	20.9	16.9	25.3
139	11.9	10.0	15.0

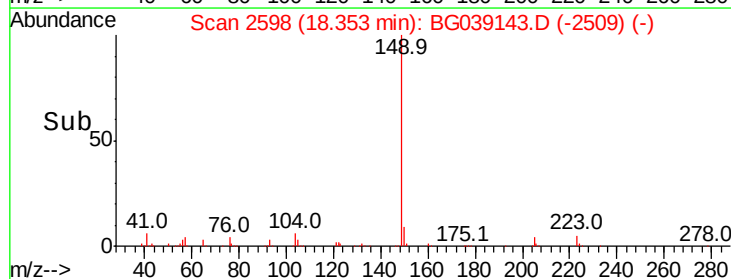
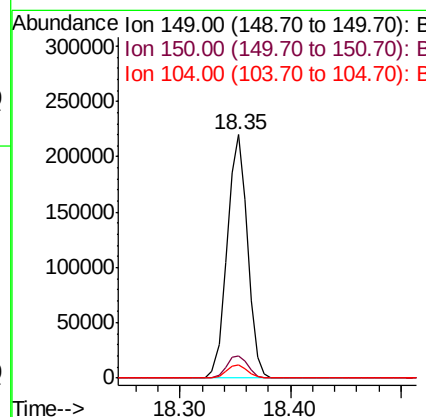
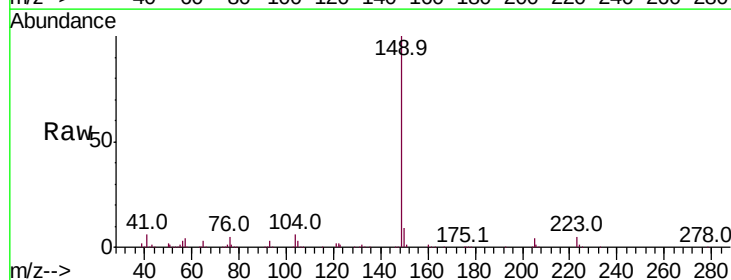
Manual Integrations
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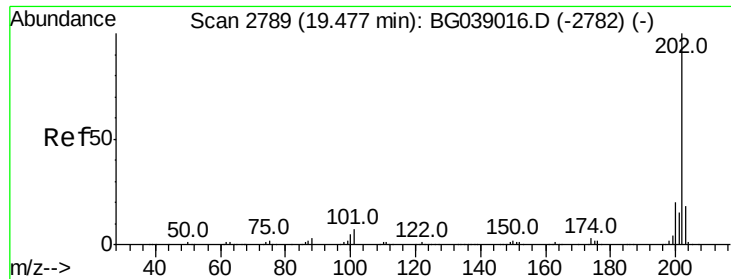
Sohil
 1/16/2019 2:06:03 PM



#74
 Di-n-butylphthalate
 Concen: 43.061 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. -0.01 min
 Lab File: BG039143.D
 Acq: 15 Jan 2019 22:28

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
150	9.3	7.9	11.9
104	5.5	4.2	6.2





#75

Fluoranthene

Concen: 61.160 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

Instrument :

BNA_G

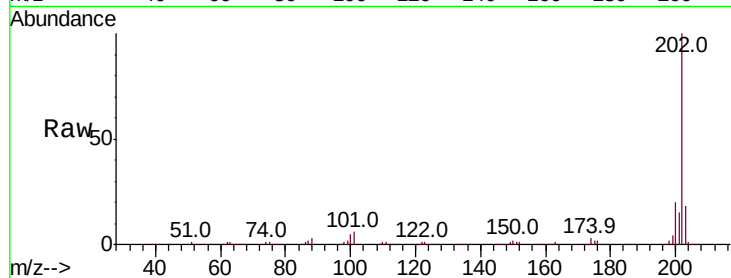
ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

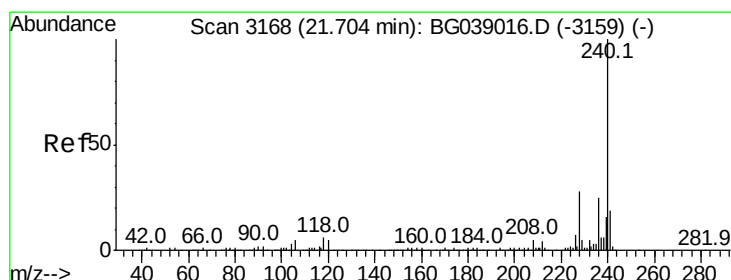
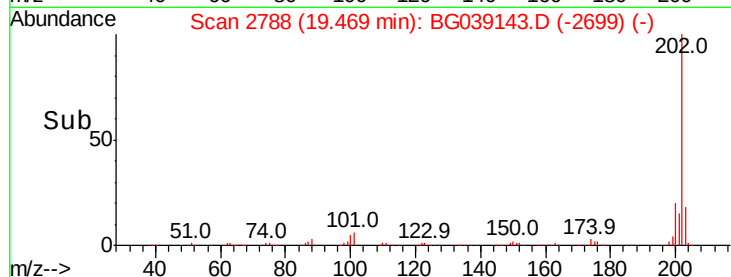
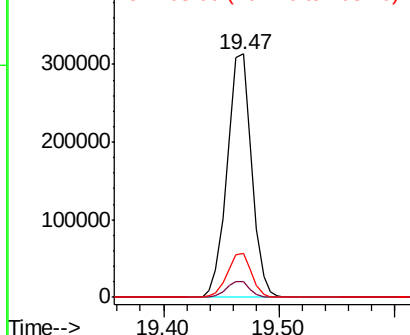
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.3	0.0	26.9
203	17.8	0.0	38.1

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

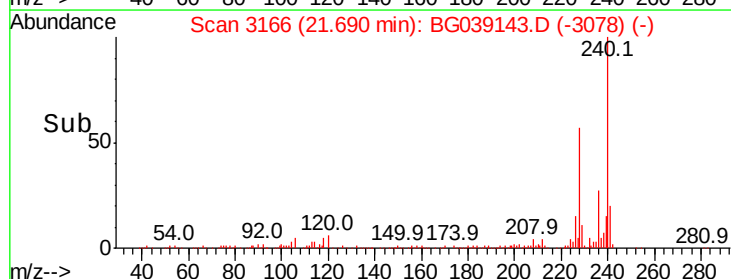
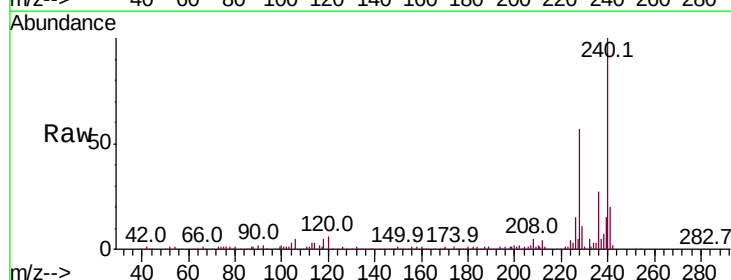
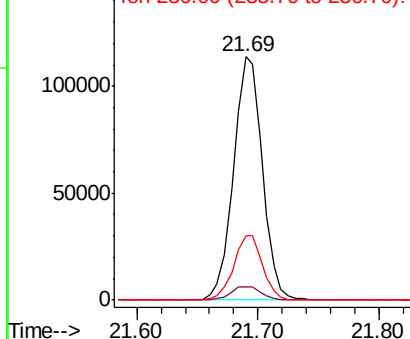
Delta R.T. -0.01 min

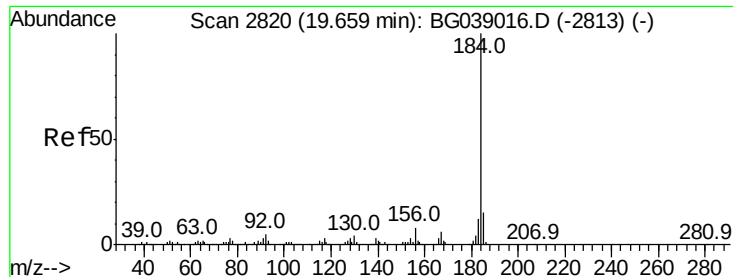
Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	5.5	4.3	6.5
236	26.6	20.1	30.1

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 19.952 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

Instrument :

BNA_G

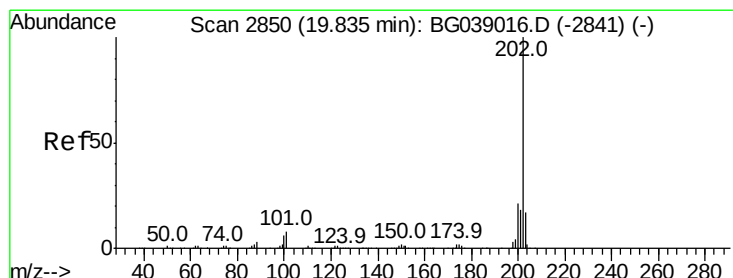
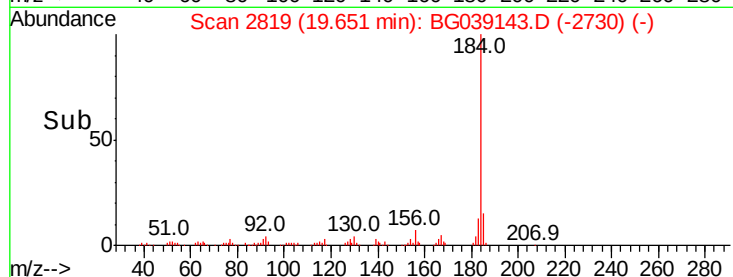
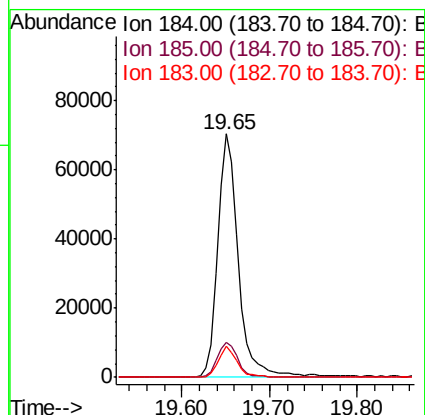
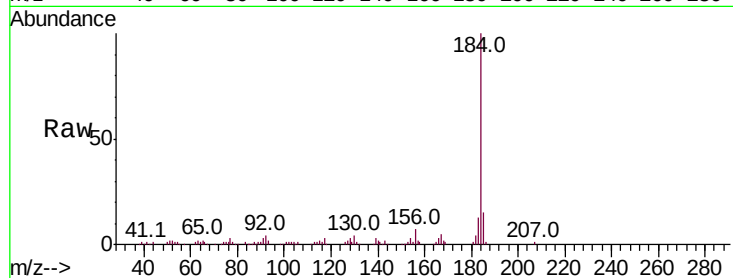
ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion:	184	Resp:	115537
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.1	18.1
183	12.8	9.5	14.3

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#78

Pyrene

Concen: 38.704 ng

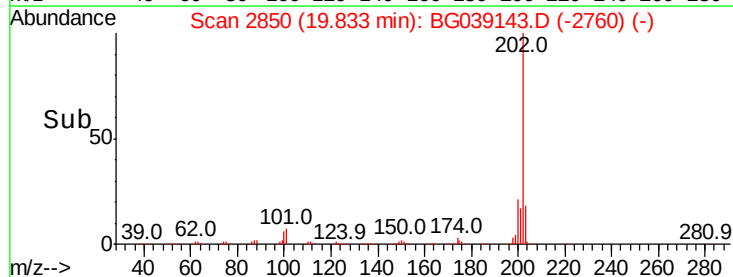
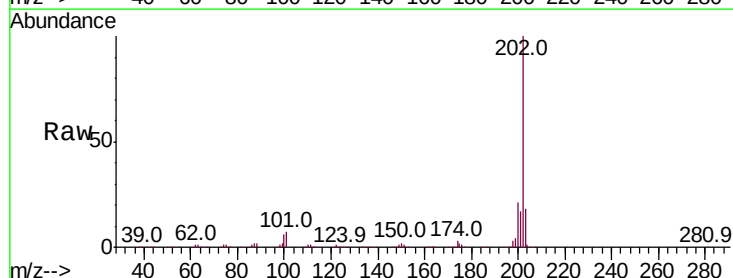
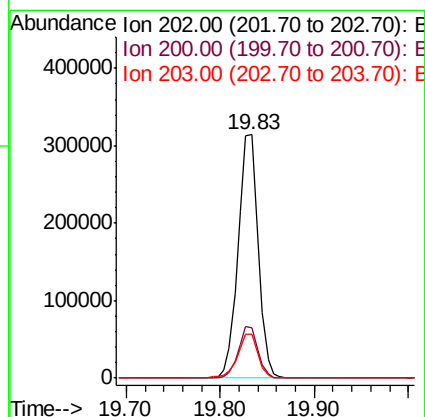
RT: 19.83 min Scan# 2850

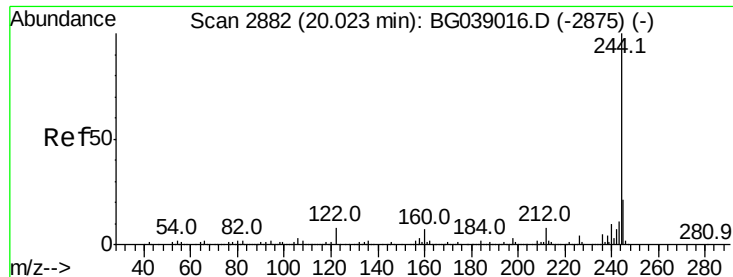
Delta R.T. -0.00 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

Tgt Ion:	202	Resp:	466981
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.0	25.6
203	18.1	14.0	21.0





#79

Terphenyl-d14

Concen: 77.532 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

Instrument :

BNA_G

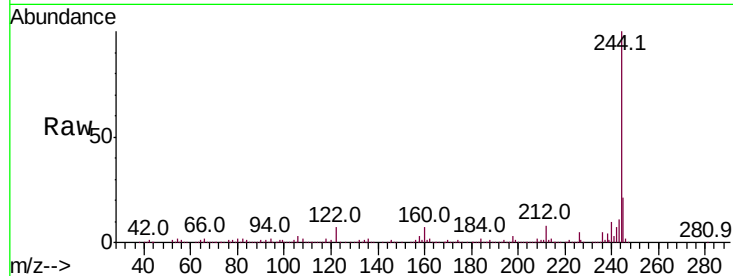
ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

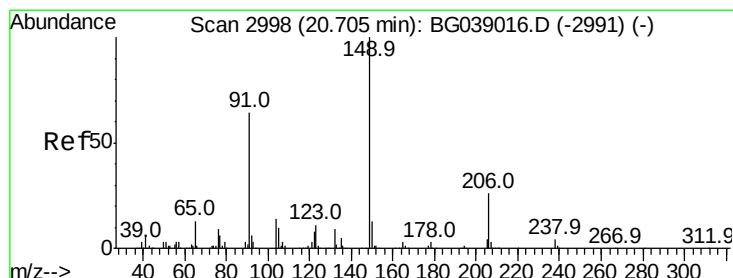
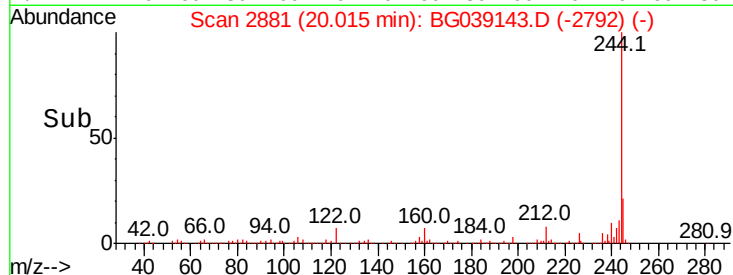
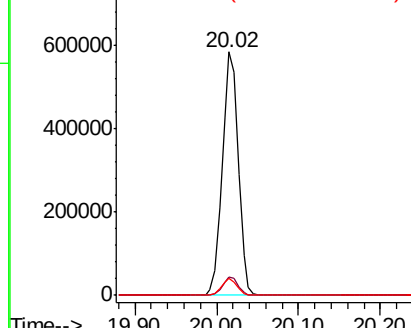
Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.6	6.1	9.1	
122	6.9	6.1	9.1	

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.667 ng

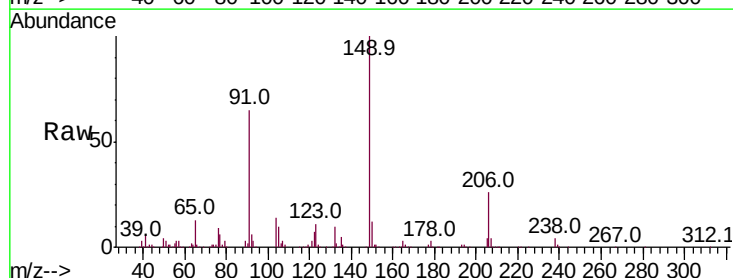
RT: 20.70 min Scan# 2997

Delta R.T. -0.01 min

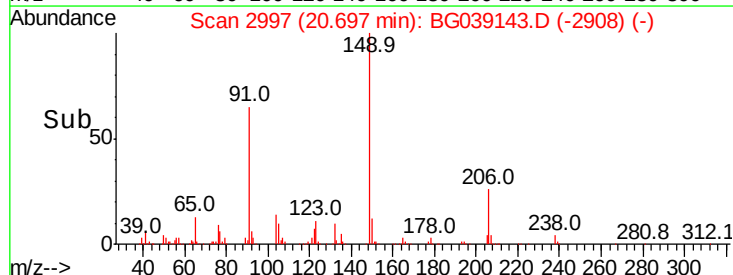
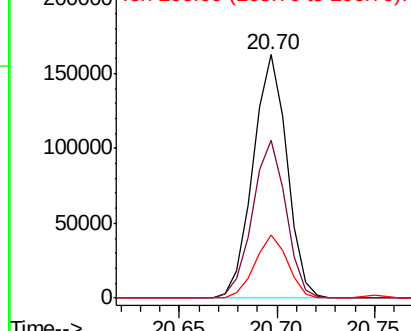
Lab File: BG039143.D

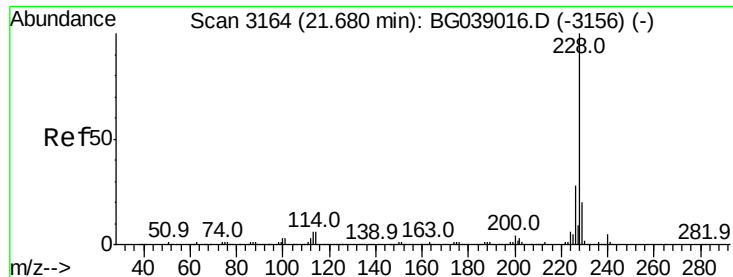
Acq: 15 Jan 2019 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	64.9	51.4	77.0	
206	25.8	20.4	30.6	



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.778 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

Instrument :

BNA_G

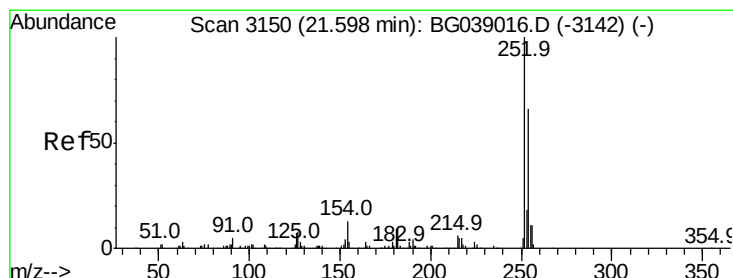
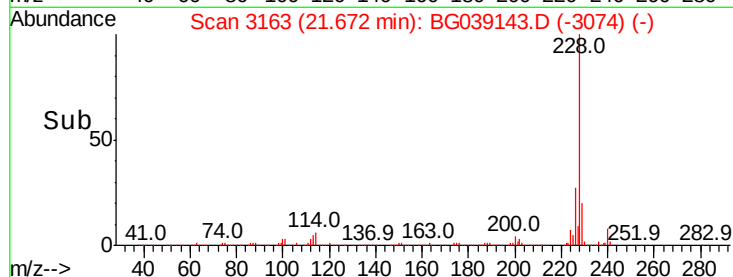
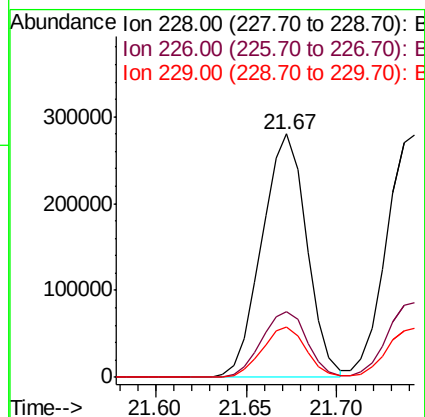
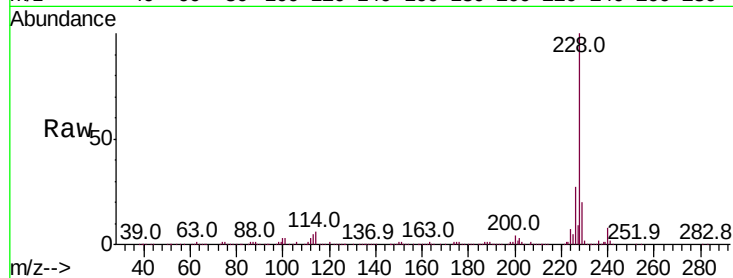
ClientSampleId :

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Tot Ion:	228	Resp:	481499
Ion Ratio	Lower	Upper	
228	100		
226	27.0	22.4	33.6
229	20.4	16.2	24.2

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 20.799 ng

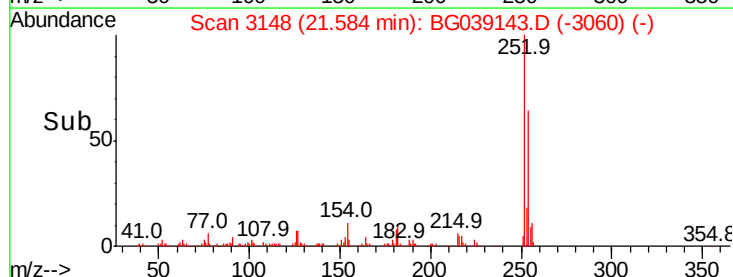
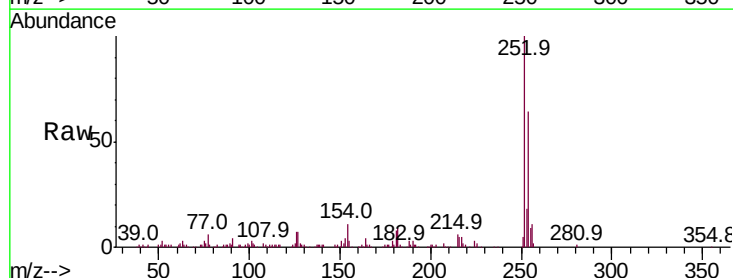
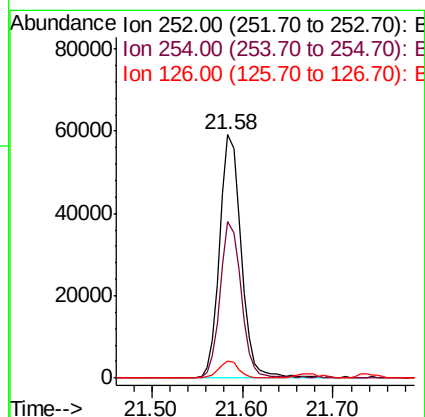
RT: 21.58 min Scan# 3148

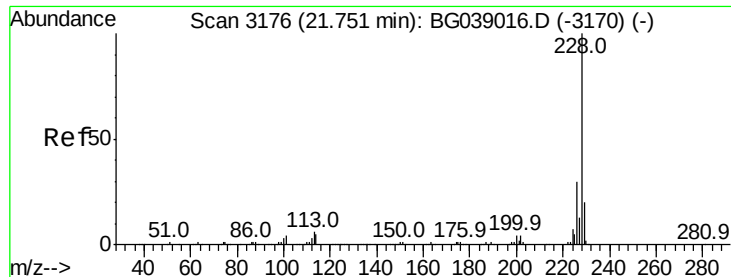
Delta R.T. -0.01 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

Tgt Ion:	252	Resp:	97670
Ion Ratio	Lower	Upper	
252	100		
254	64.1	53.0	79.6
126	7.0	6.0	9.0





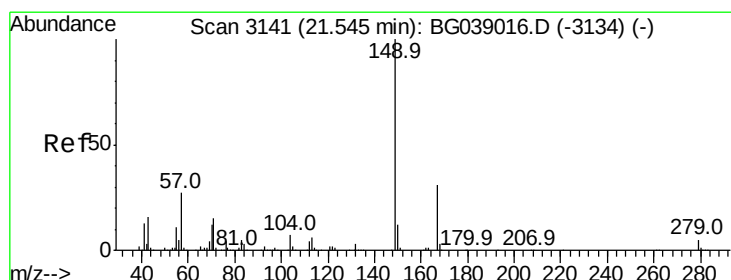
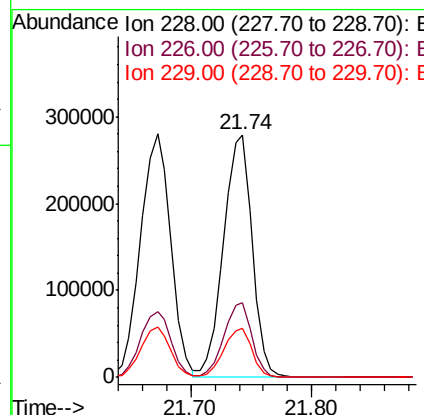
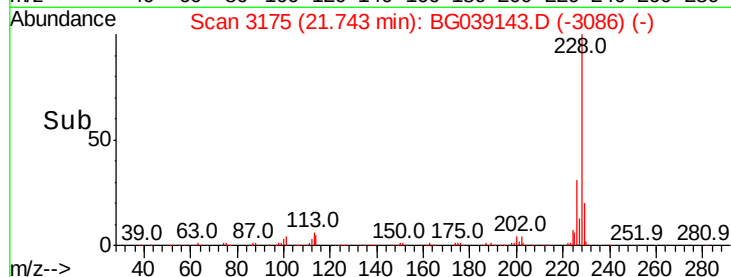
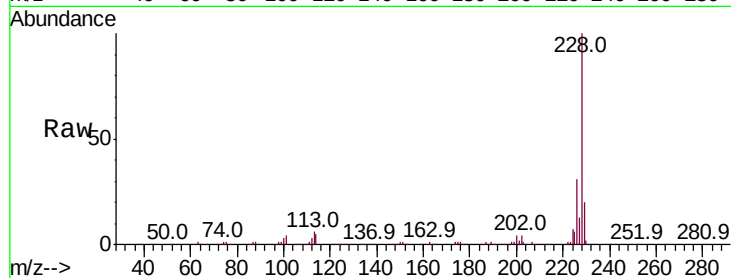
#83
Chrysene
Concen: 41.708 ng
RT: 21.74 min Scan# 3175
Delta R.T. -0.01 min
Lab File: BG039143.D
Acq: 15 Jan 2019 22:28

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.1	36.1
229	20.0	16.0	24.0

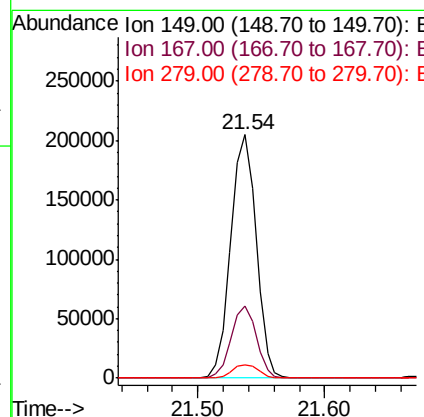
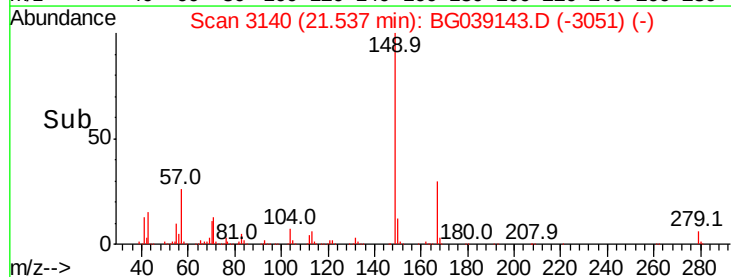
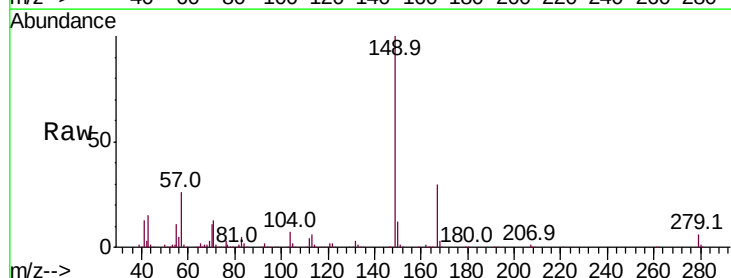
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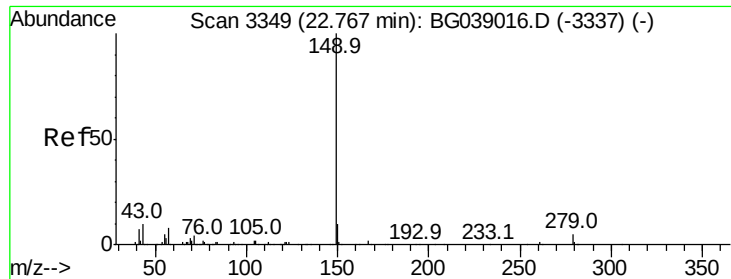
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#84
Bis(2-ethylhexyl)phthalate
Concen: 44.666 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG039143.D
Acq: 15 Jan 2019 22:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.5	25.0	37.4
279	5.6	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 39.309 ng

RT: 22.75 min Scan# 3347

Delta R.T. -0.01 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

Instrument :

BNA_G

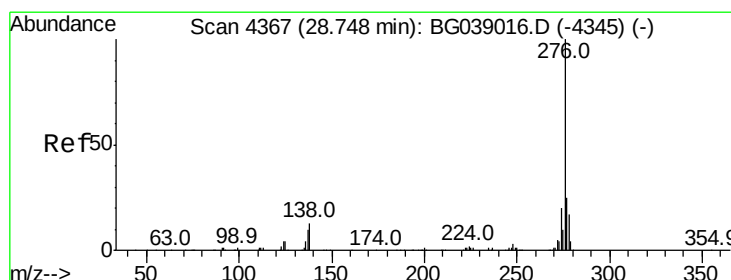
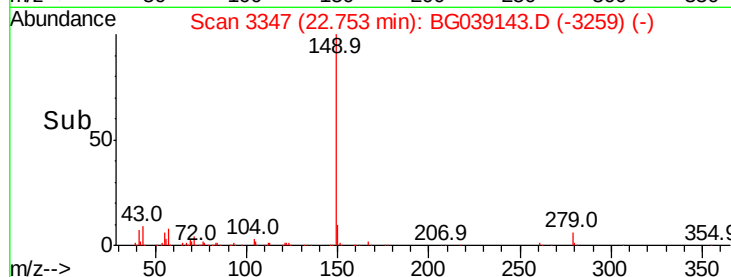
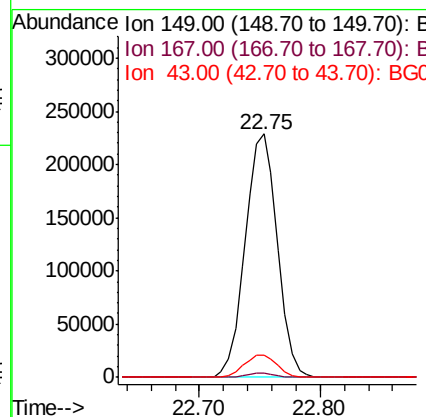
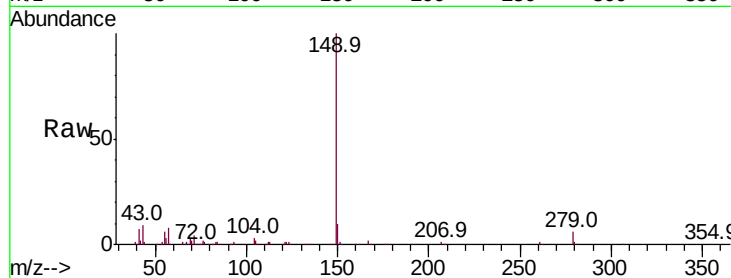
ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion:	149	Resp:	423519
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	9.6	7.5	11.3

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#86

Indeno(1,2,3-cd)pyrene

Concen: 38.938 ng

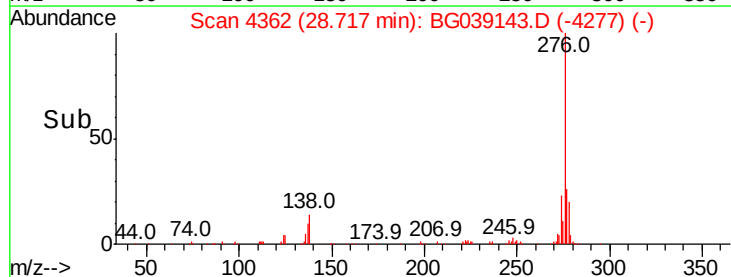
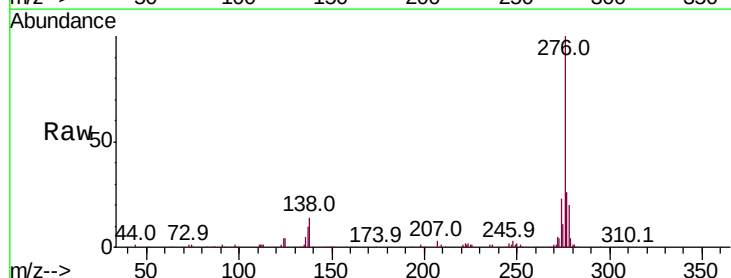
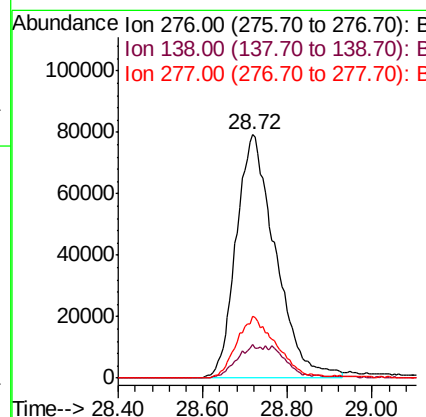
RT: 28.72 min Scan# 4362

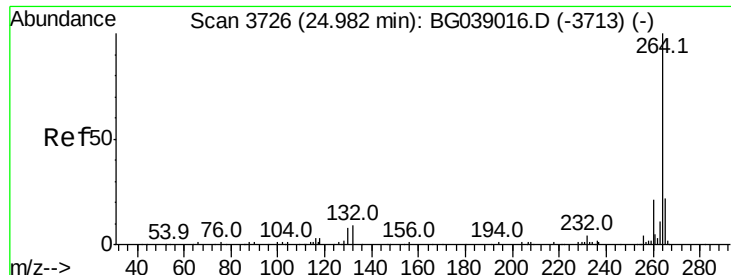
Delta R.T. -0.03 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

Tgt Ion:	276	Resp:	509999
Ion Ratio	Lower	Upper	
276	100		
138	7.1	8.0	12.0#
277	25.2	20.3	30.5





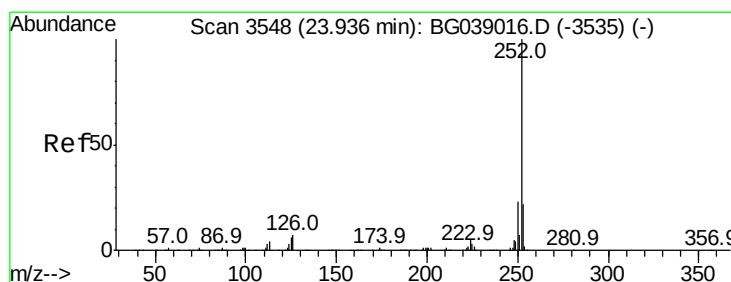
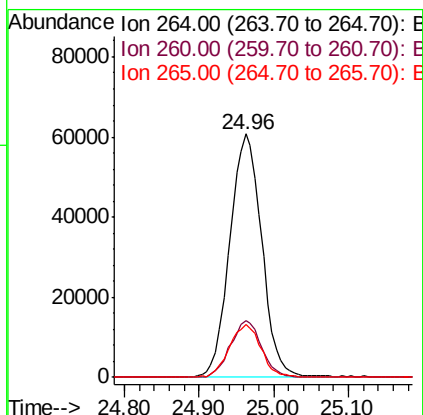
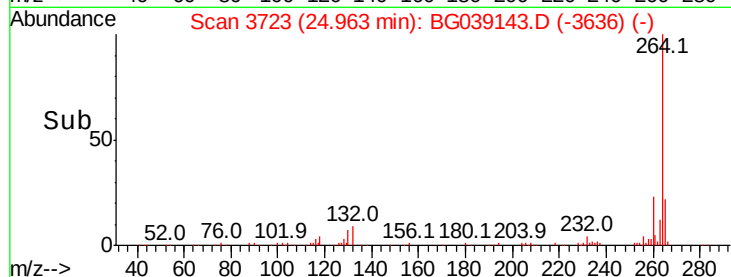
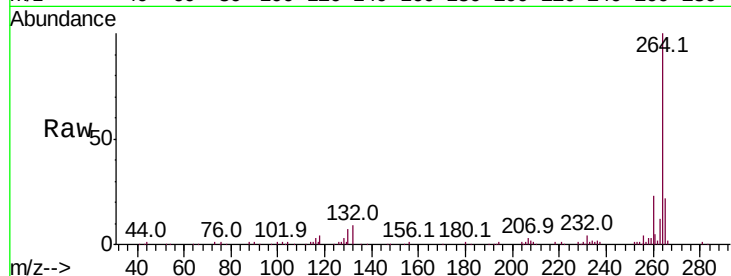
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.96 min Scan# 3723
Delta R.T. -0.02 min
Lab File: BG039143.D
Acq: 15 Jan 2019 22:28

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.0	25.6
265	21.7	17.2	25.8

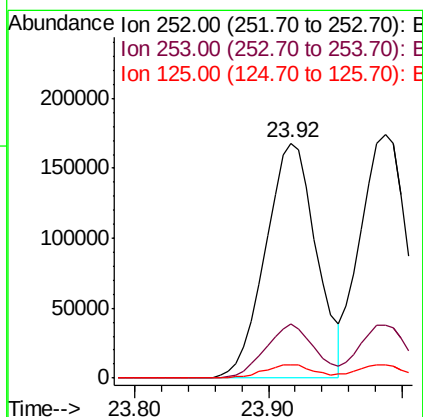
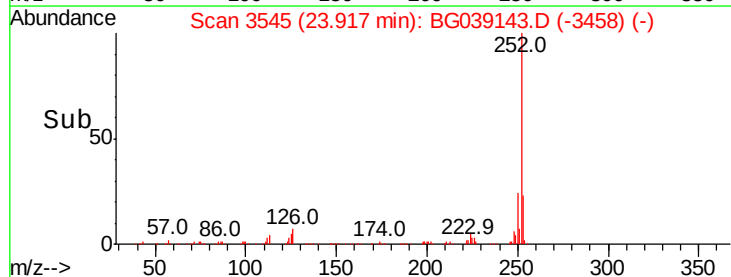
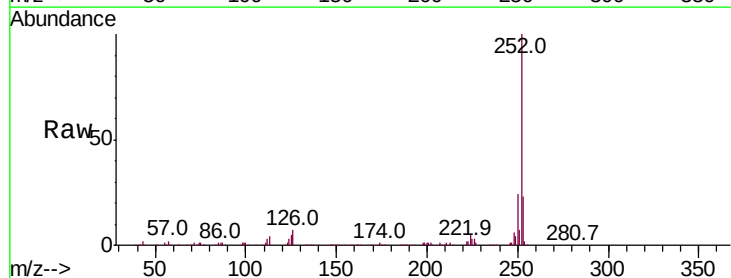
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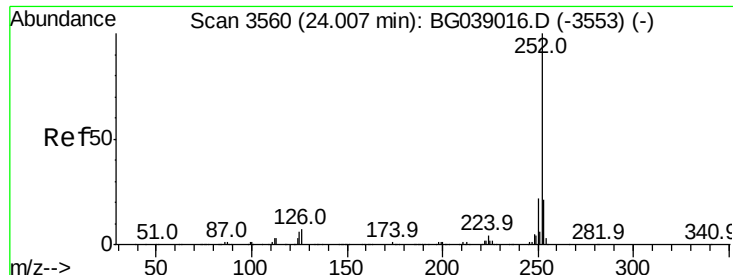
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#88
Benzo(b)fluoranthene
Concen: 44.431 ng
RT: 23.92 min Scan# 3545
Delta R.T. -0.02 min
Lab File: BG039143.D
Acq: 15 Jan 2019 22:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	5.4	4.9	7.3





#89

Benzo(k)fluoranthene

Concen: 42.729 ng

RT: 23.99 min Scan# 3557

Delta R.T. -0.02 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

Instrument :

BNA_G

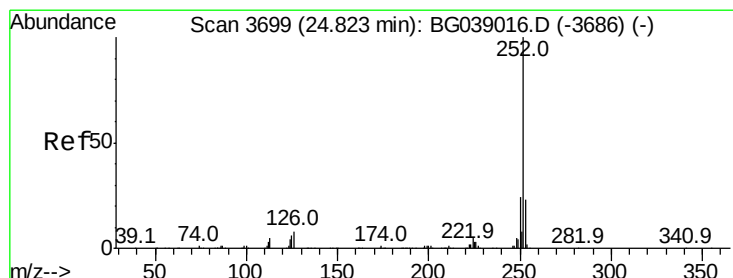
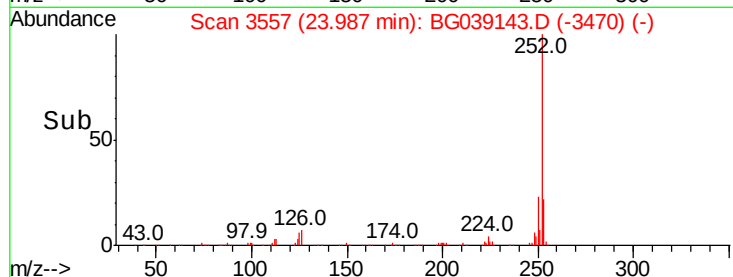
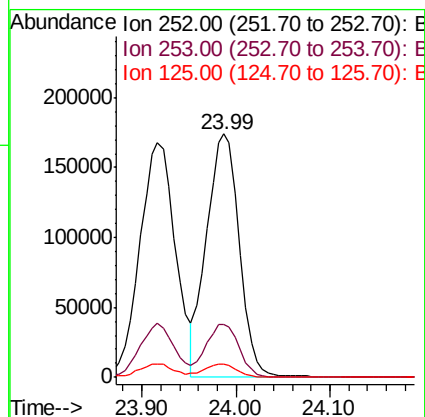
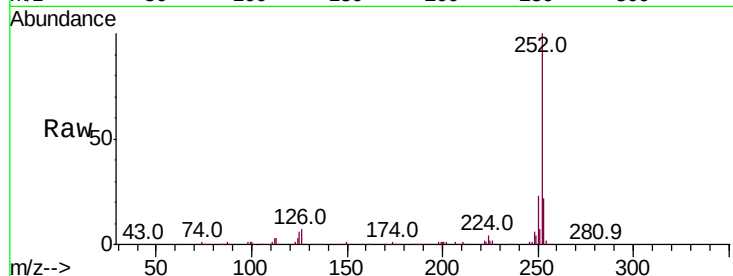
ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion:	252	Resp:	421410
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.1	25.7
125	5.7	4.6	7.0

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#90

Benzo(a)pyrene

Concen: 43.122 ng

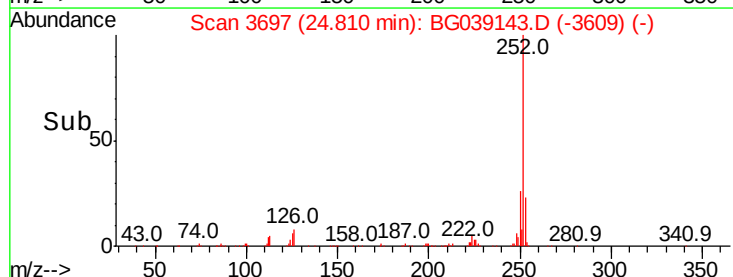
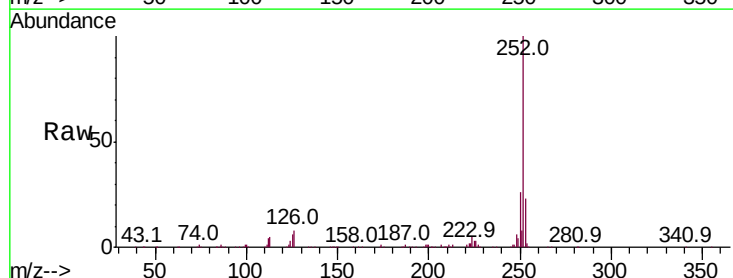
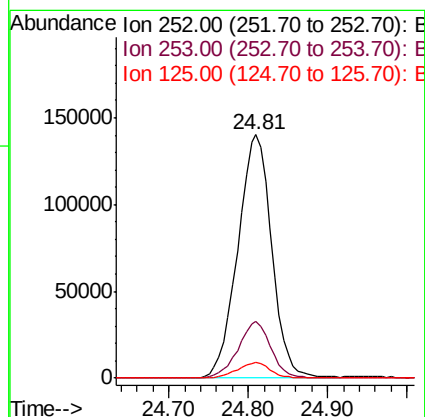
RT: 24.81 min Scan# 3697

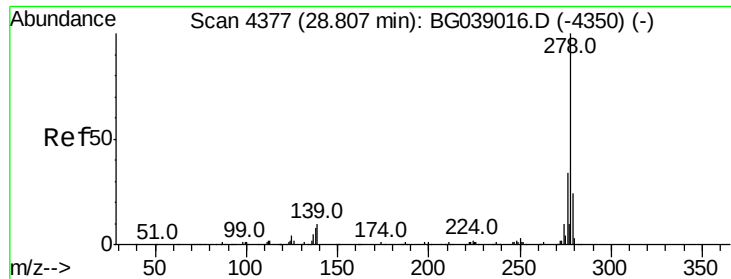
Delta R.T. -0.01 min

Lab File: BG039143.D

Acq: 15 Jan 2019 22:28

Tgt Ion:	252	Resp:	415764
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.3	27.5
125	6.5	4.9	7.3





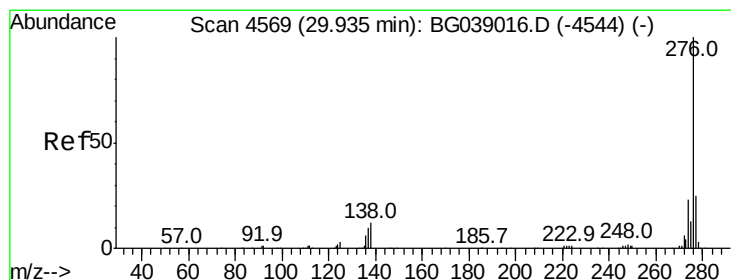
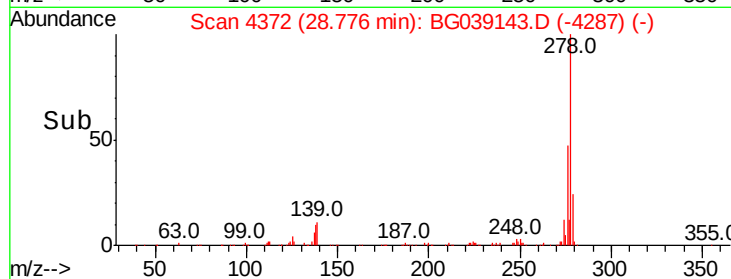
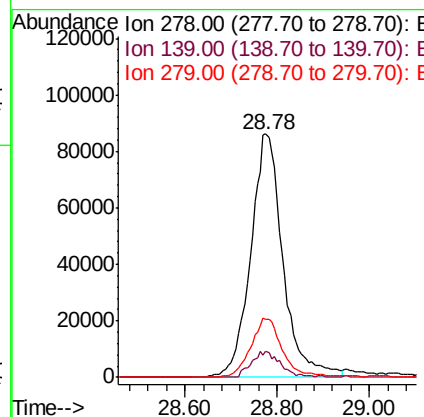
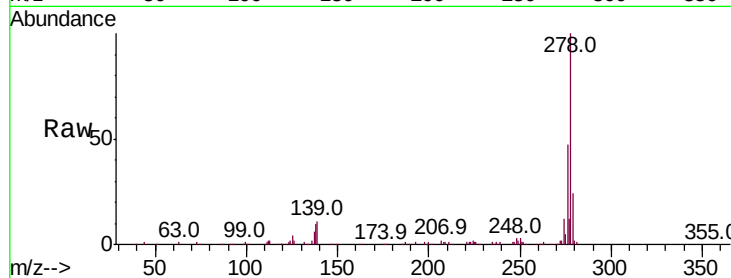
#91
Dibenzo(a,h)anthracene
Concen: 43.607 ng
RT: 28.78 min Scan# 4372
Delta R.T. -0.03 min
Lab File: BG039143.D
Acq: 15 Jan 2019 22:28

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.6	7.9	11.9
279	24.0	19.3	28.9

Manual Integrations
APPROVED

Sohil
1/16/2019 2:06:03 PM



#92
Benzo(g,h,i)perylene
Concen: 42.579 ng
RT: 29.89 min Scan# 4562
Delta R.T. -0.04 min
Lab File: BG039143.D
Acq: 15 Jan 2019 22:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	20.3	30.5
138	12.9	9.4	14.2

